

PEUGEOT SUV RANGE

NEVER HAVE SUVs GONE SO FAR



EXPERIENCE THE MULTI AWARD-WINNING
PEUGEOT SUV RANGE



MOTION & EMOTION

PEUGEOT

PEUGEOT RECOMMENDS TOTAL Official Fuel Consumption in MPG (l/100km) and CO₂ emissions (g/km) for the PEUGEOT 2008 range are: Combined 39.1 (7.2) – 59.2 (4.8) and CO₂ 133 - 97 g/km. For the PEUGEOT 3008 range are: Combined 35.2 (8.0) – 56.3 (5.0) and CO₂ 132 - 102 g/km. For the PEUGEOT 5008 range are: Combined 35.2 (8.0) – 56.3 (5.0) and CO₂ 132 - 102 g/km.

The fuel consumption you achieve, and CO₂ produced, in real world conditions will depend upon a number of factors: including the accessories fitted (post registration), variations in weather, driving styles and vehicle load. There is a new test (WLTP*) used to measure fuel consumption and CO₂ figures. The fuel consumption figures shown in this advert are calculated under the WLTP test. The CO₂ figures shown are NEDC equivalent (NEDCeQ), calculated using EC correlation tool which converts WLTP figures to NEDC figures, however, these NEDCeQ figures are based on the outgoing test cycle (NEDC**) and will be used to calculate tax for first registration. Figures shown are for comparability purposes; you should only compare fuel consumption and CO₂ figures with other vehicles tested using the same technical standard. *WLTP - Worldwide harmonized Light vehicles Test Procedure. **NEDC - New European Driving Cycle. Models shown are a 2008 SUV Allure 1.2L PureTech 110 S & S, 3008 SUV Allure 1.2L PureTech 130 S & S with optional LED headlights, optional Grip Control® and optional Black Diamond Roof. 5008 SUV Allure 1.2L PureTech 130 S & S with optional Black Diamond Roof and optional Grip Control®. Award logos relate to the following awards: 3008 SUV won Car of the Year in the Driver Power 2018 New Car Survey and Best Medium SUV in the Carbuyer 2019 awards. 5008 SUV won Best Large SUV in the What Car? 2019 awards. Information correct at time of going to print.

USED CARS THAT WILL COST YOU NOTHING

AUTOCAR

FIRST FOR NEWS AND REVIEWS EVERY WEEK

Est. 1895 | autocar.co.uk | 27 March 2019

SECRET MEGA-HATCH

NEW VW GOLF R

Now it's a 400bhp fire-breather



27 March - 3 April 2019

E3.80

13>

haymarket



AUTOCAR
IMAGE

SCOOP

FUTURE OF BENTLEY

Why they're eyeing a radical baby 4x4



DRIVEN



New front-drive 1 Series

AUTOCAR'S BUCKET LIST • LIFE WITH AN ALPINE (IT'S BLISS) • NEW 911: UK VERDICT

It's not an electric car. It's an electric Audi.

The all-electric Audi e-tron.



Search Audi e-tron

Official fuel consumption in mpg (l/100km): N/A. Official CO₂ emissions: 0g/km.

These figures were obtained after the battery had been fully charged. The Audi e-tron is a battery electric vehicle requiring mains electricity for charging. There is a new test for fuel consumption, CO₂ and electric range. Figures shown are for comparability purposes. Only compare fuel consumption, CO₂ and electric range figures with other vehicles tested to the same technical procedures. These figures may not reflect real life driving. Accessories fitted (post-registration), variations in weather, driving styles and vehicle load. Zero emissions while driving. Brake calipers shown not UK specification.



e-tron

figures (known as WLTP). The electric range shown was achieved using the new test procedure. results, which will depend upon a number of factors including the starting charge of the battery,

ALL GRIFFIN. NO BULL.

THE FULLY LOADED
MOKKA X GRIFFIN PLUS



Featuring IntelliLink navigation, 19-inch 5-twinspoke alloy wheels, heated front seats, leather-covered heated steering wheel and dual-zone electronic climate control.

Fuel economy[#] and CO₂* results for the Mokka X Griffin Plus range. Combined mpg (l/100km): 36.7

Model shown is Mokka X Griffin Plus 5 Door in Lava Red Brilliant Paint. Participating Retailers only. Limited stock availability. Colours and model variants for Griffin special are determined according to the WLTP test cycle however, a Government formula is then applied to translate these figures back to what they would have been under the you achieve under real life driving conditions and CO₂ produced will depend upon a number of factors, including the accessories fitted after registration, variations in information contact your local Vauxhall Retailer. Vauxhall Motors Limited reserves the right to change, amend or withdraw this offer at any point in time. Correct at time



VAUXHALL
British Brand since 1903

(7.7) – 50.4 (5.6). CO₂ emissions: 150 – 131g/km.

edition subject to availability. Please check with your Vauxhall Retailer. #Fuel consumption figures are determined according to the WLTP test cycle. *CO₂ emissions figures outgoing NEDC test cycle, which WLTP replaces. The correct tax treatment is then applied. Figures are intended for comparability purposes only. The fuel consumption driving styles, weather conditions and vehicle load. Only compare fuel consumption and CO₂ with other vehicles tested using the same technical procedures. For more of going to print.



ventus S1 evo³

Powerful performance
and superior handling for luxury vehicles



BE ONE WITH IT

Be one with your tyres, and the road will be one with you.



Hankook Tyre UK Ltd
Fawsley Drive, Heartlands Business Park
Daventry, Northamptonshire NN11 8UG
Tel: +44 1327 304 100 Fax: +44 1327 304 110



62

NEWS

- VW Golf R Plus** Range-topping 400bhp mega-hatch **12**
- New Cayenne Coupé** Porsche's X6 rival revealed **14**
- Bloodhound's back** And it's being let off the leash **16**
- Hyundai Tucson N Line** Sporty SUV on the way **18**
- What Bentley's doing next** Glimpse at future plans **20**
- It's survival of the fittest** PSA boss Tavares speaks **22**

TESTED

- BMW 1 Series** Front-drive prototype appraised **28**
- Porsche 911 Carrera 4S** Our five-star verdict **33**
- Lexus UX** Premium compact SUV tackles UK roads **35**
- Nissan Micra DIG-T 117 N-Sport** **ROAD TEST** **36**

FEATURES

- Our bucket list** Scottish tour and other must-dos **44**
- Seven heaven** Jonathan Palmer's new Caterham **54**
- Wonderful everyday** Three months in Alpine's A110 **56**
- Caffeine & Machine** Saloon bar that's full of beans **62**
- Depreciation beaters** Cars that'll cost you nothing **64**

OUR CARS

- VW Arteon** Parting thoughts on the big German **72**
- Mercedes-Benz A-Class** Now we try out an A250 **75**
- Jaguar XE** One look at the odo tells the whole story **77**

EVERY WEEK

- Jesse Crosse** Twists and turns of torque vectoring **21**
- Damien Smith** What the future holds for Le Mans **23**
- Steve Cropley** Meeting new Bloodhound benefactor **25**
- Subscribe** Save money and enjoy exclusive benefits **26**
- Your views** MGs mustn't forget their sporting roots **70**
- Matt Prior** Can Audi afford to shelve the TT? **98**

DEALS

- James Ruppert** You can't keep a good diesel down **78**
- As good as new** Range Rover Sport for half the price **80**
- Spied in the classifieds** Five eye-popping used deals **82**
- Used buying guide** AMG A45 is ripe for the picking **84**
- Road test results** Autocar's gold mine of data **87**
- New cars A-Z** Key car stats, from Abarth to Zenos **90**

THIS WEEK



ONE OFF THE BUCKET LIST: DRIVING THE SOUTH WEST COASTAL 300 **44**



LIFE WITH AN ALPINE A110 (AND BOBBLE HAT) **56**



MEET OUR MONEY-BACK MOTORS **64**



"IT WENT ON TO BECOME THE MOST ICONIC AND ENDURING SPORTS CAR OF ALL TIME"

THAT'S ANDREW FRANKEL ON THE 911. BUT WHICH NEW CAR DOES HE CONSIDER ITS RIGHTFUL HEIR? **56**

COVER STORY



AUTOCAR
IMAGE

NEW 400BHP R PLUS: THE MOST POWERFUL GOLF YET **12**



AMG A45 BUYING SECRETS **84**



CATACLEAN[®]
Liquid science for the life of your vehicle

The MOT has changed. Are you ready?

FUEL ADDITIVE TO CLEAN, RESTORE & PROTECT THE:

- Engine
- Cylinder Heads
- Intake Valves
- Fuel Injectors
- Diesel Particulate Filter
- Catalytic Converter
- Oxygen Sensors
- Exhaust

WHY USE CATACLEAN?

- Reduces emissions by up to 60%
- Can prevent MOT emissions fail
- Improves MPG
- Restores performance
- Reduces vehicle maintenance costs
- No need to use premium fuel
- Reduces air pollution



cataclean.com

Available from:

halfords

EURO CAR PARTS

Parts Alliance
Local Service - National Strength

and most leading UK motor factors

The original car magazine, published since 1895 'in the interests of the mechanically propelled road carriage'

EDITORIAL

Email autocar@haymarket.com
Editor Mark Tissshaw
Editorial director, **Automotive** Jim Holder
Editor-in-chief Steve Cropley
Managing editor Damien Smith
Editor-at-large Matt Prior
Deputy editor James Attwood
Deputy editor - digital Rachel Burgess
Deputy digital editor Tom Morgan
Road test editor Matt Saunders
Road testers Simon Davis, Richard Lane
News editor Lawrence Allan
Junior reporter Felix Page
Used cars deputy editor Mark Pearson
Used cars reporter Max Adams
Chief sub-editor Sami Shah
Group art editor Stephen Hopkins
Art editor Sarah Özgül
Designer Rebecca Stevens
Prepress manager Darren Jones
Senior photographer Luc Lacey
Photographer Olgun Kordal
Head of video Mitch McCabe
Junior videographer Oli Kosabab
Video apprentice Tej Bhola
SEO manager Jon Cook
SEO executive Oliver Hayman
Picture editor Ben Summerell-Youde

EDITORIAL CONTRIBUTORS

European editor Greg Kable
Used car correspondent James Ruppert
Senior contributing writer Andrew Frankel
Contributing writer Dan Prosser
Senior contributing editor Richard Bremner
Contributing editor Mike Duff
Senior consulting editor Tom Evans
Features apprentice Harry Roberts

Special correspondents Mauro Calo, Jesse Crosse, John Evans, Colin Goodwin, Hilton Holloway, Peter Liddiard, Julian Rendell, Richard Webber
Special contributors John Bradshaw, Edward Browne, Kris Culmer, Max Edleston, Claire Evans, John Howell, Steve Huntingford, Darren Moss, Allan Muir, Will Nightingale, Doug Revolta, Louis Shaw, Alan Taylor-Jones, Becky Wells, Will Williams, Neil Winn, Dan Wrenn

MEDIA ENQUIRIES

Tel +44 (0)20 8541 3434
Contact Natasha Perry (natasha@performancecomms.com)

SUBSCRIPTIONS
Tel 0344 848 8816 **Overseas** +44 (0)1604 251450
Email help@autocar.themagazineshop.com
Retention marketing manager Amit Ubhi

SYNDICATION ENQUIRIES

Tel +44 (0)1962 867705
Contact Simon Fox (simon@foxsyndication.com)

LICENSING ENQUIRIES

Tel +44 (0)20 8267 5024
Contact Isla Friend (isla.friend@haymarket.com)

BACK ISSUES

Tel 0344 848 8816
Email help@autocar.themagazineshop.com

ADVERTISING

Classified +44 (0)20 8267 5365 **Display** +44 (0)20 8267 5541
Production +44 (0)20 8267 5814 **Fax** +44 (0)20 8267 5312
Director of agency and OEM Chris Daniels
Sales manager James Hunter

PRODUCTION

Tel +44 (0)20 8267 5219
Production manager Anthony Davis
Senior production controller Roxy Agius

MANAGEMENT

Managing director Rachael Prasher
Marketing director Darren Pitt
Print and events marketing manager Charlene Harry
Publishing and events assistant Lydia Banton

© 2019 Haymarket Media Group Ltd. Autocar, Motor, Autocar & Motor are registered trademarks. Circulation enquiries: Frontline Ltd, 1st Floor, Stuart House, St John's Street, Peterborough PE1 5DD (01733 555161). Reproby Haymarket Pre-Press. Printed by William Gibbons, Wolverhampton. Registered as a newspaper with the Royal Mail. Member of the ABC. ISSN 1355-8293.

No part of this magazine may be reproduced, stored in a retrieval system or transmitted in any form except by permission. The publisher makes every effort to ensure contents are correct but cannot accept responsibility for errors or omissions. Unsolicited material is submitted to Autocar entirely at the owner's risk; the publisher accepts no responsibility for loss or damage. With regret, competitions and promotional offers, unless otherwise stated, are not available to readers outside the UK and Eire.

Autocar, ISSN number 1355-8293, is published weekly by Haymarket Media Group, Bridge House, 69 London Road, Twickenham TW1 3SP, United Kingdom. The US annual subscription price is \$199.78. Airfreight and mailing in the USA by agent named WN Shipping USA, 156-15, 146th Avenue, 2nd Floor, Jamaica, NY 11434, USA. Periodicals postage paid at Jamaica NY 11431. US Postmaster: Send address changes to Autocar, WN Shipping USA, 156-15, 146th Avenue, 2nd Floor, Jamaica, NY 11434, USA. Subscription records are maintained at Haymarket Media Group, Bridge House, 69 London Road, Twickenham TW1 3SP, United Kingdom. Air Business Ltd is acting as our mailing agent.

Autocar is published by Haymarket Automotive, Bridge House, 69 London Road, Twickenham, Middlesex, TW1 3SP, UK
haymarketgroup.com
Tel +44 (0)20 8267 5000

Autocar magazine is also published in China, Greece, India, Indonesia, Japan, Korea, Malaysia, Philippines and Thailand.

Autocar is a member of the Independent Press Standards Organisation (IPSO). We abide by the Editors' Code of Practice and are committed to upholding the highest standards of journalism. If you think we haven't met those standards and want to make a complaint, contact autocar@haymarket.com. For more information, contact IPSO on 0300 123 2220 or visit www.ipso.co.uk



Jeep



COMMENT



WHY WE'LL BE SEEING MORE MERGERS AND ACQUISITIONS FROM CAR FIRMS



"IF WE FIND areas where partners and co-operations make sense to give better cars to customers and returns to shareholders, I'm very open." So says Fiat Chrysler Automobiles boss Mike Manley on the topic of mergers.

"If the opportunity comes, we will consider it," says PSA Group chief Carlos Tavares on the same subject.

And with Robert Peugeot, chairman of PSA's holding company, saying that it would support a merger or acquisition with FCA, is such a deal a question of when not if?

Read what Tavares, surely the industry's most successful leader of the past few years, says about the challenges facing the European car business (p22), and such super-mergers seem inevitable. The investments needed to create cars that meet upcoming emissions legislation are so vast.

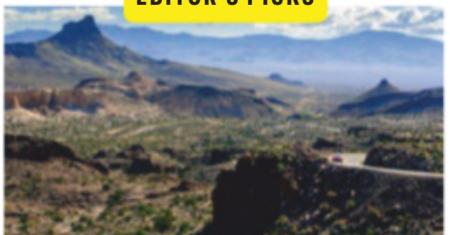
A PSA-FCA merger would give the former the US market access it craves, and help address the future investment concerns for both car makers in Europe. Win-win, it seems.

Yet there's another car company PSA has been linked to: Jaguar Land Rover. PSA's track record, the absence of brand overlap and JLR's troubles make it a tantalising prospect.

Mark Tissshaw Editor

mark.tissshaw@haymarket.com @mtissshaw

EDITOR'S PICKS



WRONG WAY ROUND?

BMW 1 Series ditched rear-wheel drive for front. We get a taste, p28

TICK THEM OFF

As the clocks go forward, we plan your summer bucket list, p44

£0

That's how much you'll lose if you buy one of these used cars, p64

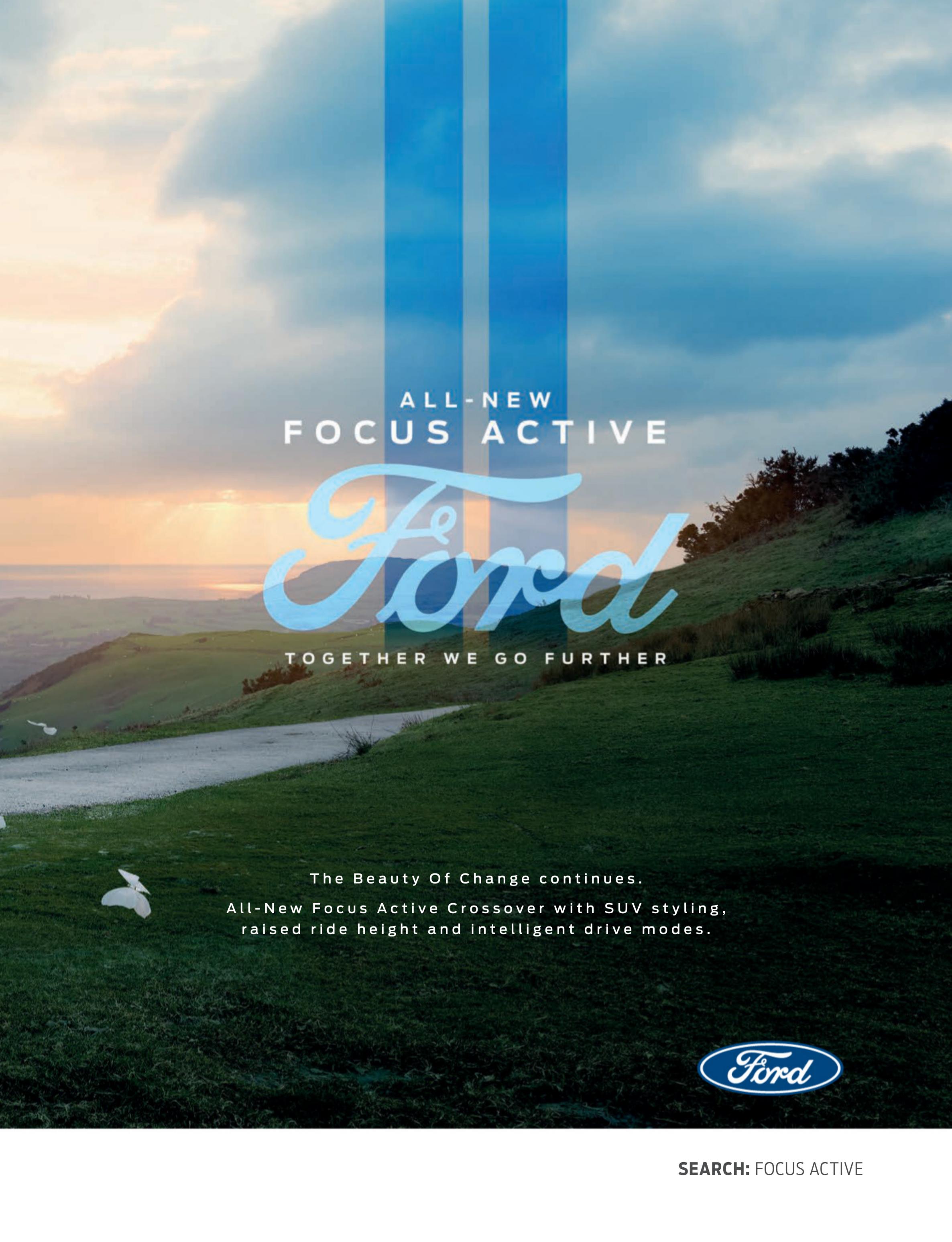


NEVER
MISS AN
ISSUE
Subscribe p26



Model shown is an All-New Focus Active X Estate 1.0T 125PS Petrol Manual with optional LED Headlights and Convenience Pack. Fuel economy mpg (l/100km): Combined 45.6 (6.2). *CO₂ emissions: 111g/km.

Figures shown are for comparability purposes; only compare fuel consumption and CO₂ figures with other cars tested to the same technical procedures. These figures may not reflect real life driving results, which will depend upon a number of factors including the accessories fitted, variations in weather, driving styles and vehicle load. *There is a new test used for fuel consumption and CO₂ figures. The CO₂ figures shown, however, are based on the outgoing test cycle and will be used to calculate vehicle tax on first registration.



ALL-NEW
FOCUS ACTIVE

Ford

TOGETHER WE GO FURTHER



The Beauty Of Change continues.

All-New Focus Active Crossover with SUV styling,
raised ride height and intelligent drive modes.



SEARCH: FOCUS ACTIVE

NEWS

GOT A STORY?

Email our news editor
lawrence.allan@haymarket.com



Fiery 400bhp R Plus in line to be flagship for new Golf

Four-wheel-drive mega-hatch has the backing of VW boss as Merc-AMG A45 rival

Volkswagen's R performance division has reignited a development programme on a "close to 400bhp" Golf R Plus model as a range-topping rival to the Mercedes-AMG A45 and Audi RS3.

The four-wheel-drive machine would sit above the planned Golf R version in the line-up of the eighth-generation model. Under its skin, it would rely on hardware and technology from the seventh-generation Golf R400 concept shown in 2014 and the Golf TCR race car developed by

Volkswagen Motorsport. The secret model is being developed alongside the standard version of the new Golf R at VW's R&D headquarters in Braunschweig, Germany.

VW insiders have claimed it will be the "most extreme and powerful Golf yet". As an indicator of its potential performance, they pointed to the supercar-like acceleration and top speed of the R400, which was claimed to have a 0-62mph time of just 3.9sec and a 174mph top speed.

A source added: "We're

looking at introducing a new 'halo' performance model that would offer a level of performance beyond that of the next Golf R."

The new Golf R Plus has not yet been approved for production, but Autocar has been told that it has the support of VW boss Herbert Diess. If it gets the go-ahead, it is likely to join the VW line-up after the new Golf R goes on sale in 2020, at a price similar to that of the £45,250 RS3.

Highlighting the advanced state of the Golf R Plus development programme,

VW officials confirmed that a styling proposal for the variant has already been completed. It features a considerably more aggressive appearance than the standard version of the next Golf R, with broader front wings that, insiders say, have been adopted in combination with a widened front track.

The next-generation Golf will be produced as a five-door only, so both the Golf R and R Plus will be offered in that bodystyle alone.

At the heart of the secret new range-topping Golf is a highly tuned version of the

Volkswagen Group's EA888 petrol engine. In the new Golf R, the Audi-developed turbocharged 2.0-litre unit is planned to deliver around 320bhp. But with a range of power-enhancing measures, the engine could ultimately provide the Golf R Plus with between 380bhp and 400bhp.

Originally a project of Volkswagen's former head of petrol engine development, Friedrich Eichler, the powered-up four-cylinder was first showcased in the R400 concept with 395bhp and 332lb ft at the 2014 Beijing



“It's likely to incorporate a drift mode similar to that in the new Mercedes-AMG A45”

VOLKSWAGEN'S HOTTEST GOLFS



Golf R (2017)

The outgoing Golf R was billed as the 'ultimate Golf', with four-wheel drive, upgraded suspension, a lower ride height and a 306bhp version of VW's EA888 powerplant. An optional Performance pack included further tweaks to reduce weight and increase downforce.



Golf R400 concept (2014)

The 'mega-hatch' concept that inspired the R Plus was unveiled in 2014 with a 395bhp version of the EA888 engine taken from the Audi TT. It also had four-wheel drive and weighed 1420kg, giving it a power-to-weight ratio of 278bhp per tonne.



Golf W12-650 prototype (2007)

This one-off used the 6.0-litre W12 engine from the Phaeton, mid-mounted in place of the rear seats and driving through a six-speed automatic gearbox. It produced 641bhp and gave a 0-62mph time of 3.7sec and a 202mph top speed.

More aggressive R Plus styling includes widened front wings



SPY SHOT

VOLKSWAGEN GOLF

motor show. That model was closely considered for production.

An even more powerful version of the EA888 with added turbocharger boost pressure and other changes was featured in the Audi Quattro Sport concept, which made its debut at the Geneva motor show in 2014. In that car, it offered 414bhp and 332lb ft of torque.

Both projects were placed on hold due to the Dieselgate emission scandal until VW's head of development, Frank Welsch, decided to revisit the

ideas behind the R400 in 2018.

New developments brought to the engine of the Golf R Plus include a particulate filter. Like the next Golf GTI, though, it is thought to eschew mild-hybrid electric motor boosting.

As with the standard version of the new Golf R, drive is set to be channelled through a standard-fit seven-speed dual-clutch gearbox and a sixth-generation version of VW's 4Motion four-wheel-drive system. That set-up will now feature fully variable control that constantly alters the amount of drive being sent

to the front and rear axles.

The new four-wheel-drive system is likely to operate in combination with VW's EDS and XDS+ electronic differential locks and a multi-stage ESP stability control system incorporating a drift mode similar to that set to appear on the new A45.

News of the new Golf R Plus comes as VW is preparing to extend the number of R models it offers, starting with the T-Roc R, which made its public debut at the recent Geneva motor show.

GREG KABLE



OFFICIAL PICTURES

Cayenne Coupé guns for X6

Porsche SUV will wield 542bhp for 0-62mph in 3.9sec and 178mph in Turbo guise

The new Porsche Cayenne Coupé, a rakishly restyled version of the brand's largest SUV, will take direct aim at the BMW X6 and Mercedes-Benz GLE.

Key styling changes over the 'regular' Cayenne include the adoption of a shallower windscreen and a more heavily curved roofline that extends back to form an integral part of a large liftback-style tailgate.

Redesigned rear doors and wider bumpers also bring an additional 18mm in width, while the rear numberplate has been repositioned into the bumper.

As with the Cayenne, the Cayenne Coupé has an

active rear spoiler. It works in combination with a roof spoiler, extending by 135mm at speeds above 56mph to provide additional downforce.

"The Coupé includes all the technical highlights of the current, third-generation Cayenne but has a design that is more progressive, athletic and emotional," said Porsche boss Oliver Blume.

The Cayenne Coupé will be sold initially with the choice of two petrol engines. Other options, including a pair of petrol-electric plug-in hybrid drivetrains shared with the second-generation Panamera, are expected to be added to

the new line-up by the end of the year as part of Porsche's electrification push.

The entry model is powered by a turbocharged 2.9-litre V6 producing 335bhp and 332lb ft of torque. In combination with a standard eight-speed automatic gearbox, it has a claimed 0-62mph time of 5.9sec and a top speed of 151mph.

Higher in the line-up, the Cayenne Turbo Coupé is fitted with a twin-turbocharged 4.0-litre V8. With 542bhp and 568lb ft of torque and the same gearbox as its lesser sibling, it has a claimed 0-62mph time of 3.9sec and

a 178mph top speed.

The BMW X6 M, powered by a 567bhp twin-turbocharged 4.4-litre V8, and the Mercedes-AMG GLE 63 S Coupé, with its 577bhp twin-turbocharged 4.0-litre V8, possess the same claimed 0-62mph time of 4.2sec and a governed top speed of 155mph.

The new Cayenne Coupé has a four-seat layout, including a newly designed rear bench with two individual seats divided by a central armrest as standard. Buyers can also specify an optional three-seat bench in the rear for no additional cost.

Rear occupants sit 30mm lower than in the Cayenne,

which ensures there is "plenty of head room", according to Porsche, despite the more sporting roofline.

Boot capacity is put at 625 litres, rising to 1540 litres when the rear seats are folded down. This is respectively 145 litres and 170 litres less than in the Cayenne. The Cayenne Turbo Coupé's boot offers slightly less space, at 600 litres, or 1510 litres with the rear seats down.

By comparison, the soon-to-be-succeeded second-generation X6 provides 550 litres of boot space and the current GLE Coupé has 690 litres.



Entry-level and Turbo models will arrive in May

Q&A OLIVER BLUME, CEO, PORSCHE

Why make the Cayenne Coupé now?

"The inspiration comes from the 911. By cleverly creating derivatives, we have shown how you can keep interest up in a car."

Are there other derivatives to come, then?

"We can go further, yes. We



have some ideas in an even more sporty direction, for instance."

Would you consider a three-door coupé?

"No, that's not in the plan."

You'll launch an electric Macan in 2021, alongside a petrol model. How long will that continue?

"For at least two years. At that point, we can decide whether to upgrade the combustion engines to the new Euro 7 [emissions] standard or go full electric."

How many deposits for the Porsche Taycan do you have now?

"Around 20,000 have paid. Production was set at 20,000 cars a year. We may have to raise that."

When will you launch hybrid or electric sports cars?

"We have prototypes of the 718 running in electric now and a hybrid prototype is being built. If you look to the next generation of those cars, it is possible they will be plug-in hybrid or hybrid."

Is it decided that the next 918 Spyder hypercar will be fully electric?

"No – but it's some way off, because if it is electrified, then battery performance is not where we need it yet."



Rakish Cayenne Coupé is priced from £62,129



PORSCHE HAS TIMED THIS PERFECTLY

JIM HOLDER

In many regards, Porsche has been slow to the coupé SUV market. After all, BMW has been there for more than a decade with the X6.

But perhaps – as so often – Porsche's timing is spot on. Whereas early movers attracted ridicule, Porsche arrives as sales in the sector are taking off, and where global tastes – rather than the extremes of markets such as

Russia and China – are open-minded to what's on offer. The potential for widespread success is there for the taking.

It's little wonder Porsche's product planners predict that the Cayenne Coupé will account for 25% of all Cayenne sales, which totalled just more than 74,000 cars in 2018, and which are expected to rise again off the back of this launch

attracting yet more buyers.

It's hard to believe, but the Cayenne was once the most controversial Porsche ever launched. Now the firm has landed a coupé variant with barely a naysayer raising a voice, and even those who do are sated by the knowledge that the epic profits generated are being ploughed into safeguarding the future of cars like the 911.



Coupé shares much inside with existing Cayenne

Up front, the dashboard, digital instruments display, touchscreen infotainment system and other controls are all shared with the Cayenne, alongside which the Cayenne Coupé is produced at Porsche's Leipzig factory in Germany. The Cayenne Coupé comes

with a panoramic glass roof with an integrated roller blind as standard. Buyers will also be able to order the new Porsche with an optional contoured carbonfibre-reinforced plastic roof similar in style to that featured on the 911 GT3 RS. The optional roof is available

as part of one of three lightweight sports packages, which also include unique exterior design detailing, 22in wheels, carbonfibre and Alcantara interior trims and, for the top-of-the-line Cayenne Turbo Coupé, a sports exhaust. Porsche has yet to detail

the changes it has made to the suspension of the Cayenne for the Cayenne Coupé, but all models will receive speed-sensitive power steering plus 20in alloy wheels, Porsche Active Suspension Management (PASM) and the Sport Chrono package as well

as Park Assist and a reversing camera as standard.

Prices start at £62,129 for the Cayenne Coupé and £104,729 for the higher-spec Cayenne Turbo Coupé, with orders open now ahead of deliveries in May.

GREG KABLE

Bloodhound back in 1000mph race

Land speed record project has been rebooted with backing from a Yorkshire entrepreneur

“
It’s my ambition
to let Bloodhound off
the leash and see just
how fast it can go
”

The Bloodhound 1000mph land speed record project has been relaunched with a new base and livery – and the project's new owner has vowed to let it “off the leash” and start high-speed testing as soon as possible.

The project appeared to strike terminal trouble late last year, after entering administration, until Yorkshire entrepreneur Ian Warhurst rescued it. Bloodhound has been rebranded, refinanced, repainted and moved to new headquarters in Gloucester.

Warhurst told Autocar that when he made contact, the administrators were “on the point of cutting the car up and sending it away for scrap”.

He added: “They put it off so I could come and see the car. I knew I couldn’t leave without doing some kind of deal.”

The core team that built the car over the past decade is already at work reinstating previously laid plans to set a new land speed record at

Hakskeenpan in South Africa and then press on to beat the 1000mph barrier.

Rebranded as Bloodhound LSR (for ‘land speed record’), the machine is being prepared for high-speed tests in South Africa, following runs at up to 200mph at Newquay Airport last year. The project will be based in new premises in the SGS Berkeley Green University Technical College, in Berkeley, Gloucestershire.

The car’s new livery, with its white body, is intended to encourage new investors in the project, with title and livery sponsorships being offered.

Warhurst has established a new company, Grafton LSR Ltd, to run the project. Warhurst is joined in the new company by familiar faces such as driver Andy Green and chief engineer Mark Chapman, along with many others from the original team “to provide continuity”. The team also now includes commercial director and ex-

Honeyman, whose job will be to find new backers.

Warhurst was eight days into his retirement when he heard by text from his son last December of Bloodhound’s demise. For the time being, he has pledged to provide “the cash flow to keep the project on track” until extra backers are found. Warhurst recently sold Melett, a turbocharger parts and equipment supplier of which he was the owner and managing director.

“I have been overwhelmed by the passion and enthusiasm the public has shown for the project,” said Warhurst. “Over the past decade, an incredible amount of hard graft has been invested in this project. It would be a tragedy to see it go to waste. It’s my ambition to let Bloodhound off the leash and see just how fast it can go.”

The former boss of the Bloodhound project, Richard Noble, will not participate on Bloodhound’s engineering side but will continue to work

Q & A ANDY GREEN, BLOODHOUND DRIVER AND LSR HOLDER

What next for Bloodhound?

“We did all we could at the Newquay tests, so now we have to go to South Africa for some high-speed running. The team is already refreshing the arrangements we made last time.”

Is Ian Warhurst your kind of person?

“We’re all getting on really well. When Ian saw the car in its new livery for the first time, he walked around like the proud father.”

How much of the old Bloodhound team remains?

“Most of them, actually. There’s a great feeling of the best of former times, mixed with a confidence that we really do have financial stability and can reach our objectives this time.”



on its educational aspects. He said: “It was a hard fight to create the Bloodhound car, the largest STEM [science, technology, engineering and maths] programme in the UK, the public engagement

programme and the 1000-man-year desert preparation. Our weakness was always finance but now, with Ian Warhurst, the team has the support it needs to drive forward.”

STEVE CROPLEY

NEW LISTER ROADSTER TO TOP 205MPH

Lister's new LFT-C is a limited-run drop-top version of its Jaguar F-Type-based LFT-666. Priced from £139,000, the 666bhp convertible is powered by a supercharged V8, with a top speed in excess of 205mph. Just 10 units will be built.



FIRST GLIMPSE OF 2 SERIES GRAN COUPE

BMW has released the first preview image of the new 2 Series Gran Coupé. The four-door, which will share a platform with the next-generation 1 Series, is due to be revealed at the Los Angeles show in November before going on sale in 2020.



Tech to stop drink/drug driving

VOLVO WILL FIT driver monitors, which could lead to drunk and drugged people being prevented from driving, to all models as standard from the early 2020s.

The initiative is part of the firm's ambition to ensure zero road fatalities in new Volvos and follows the decision to introduce a 112mph top speed on all its new vehicles from 2021.

The monitoring system will



be able to detect if the driver is drunk or drugged, has fallen asleep or is distracted. Mild signs of incapacity could be linked to a dashboard warning, with a phone call from Volvo's On Call centre for more severe cases - with the potential that they could directly intervene to stop the car in extreme cases.

Volvo boss Håkan Samuelsson said he hopes the systems will spark

an ethical debate. He added: "When we have the technology to see if someone is distracted or drunk, should it be their personal freedom or human right to drive the car?

"Do we have the right to tell the driver to please go home or sleep, or stop

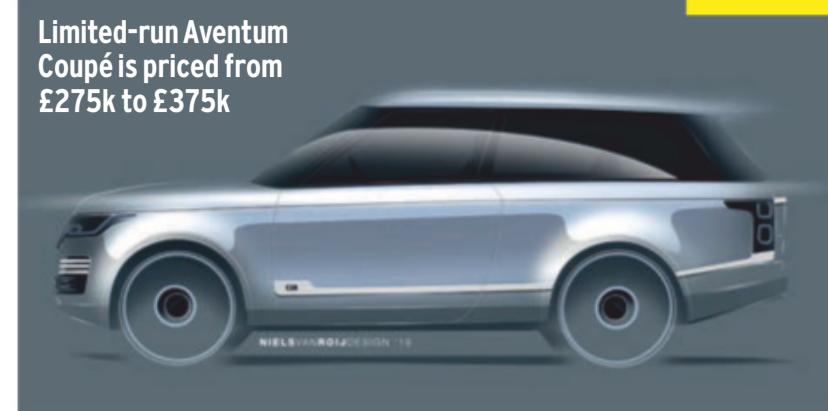
the car? That's a discussion about how far you go on the Big Brother mentality by saying no."

Tests are being conducted using an XC90 fitted with a battery of cameras to build up the data needed.

Cars built on the next iteration of the firm's scalable SPA2 platform and launched in the early 2020s will be the first to have the system.

Talking about Volvo's decision to limit the top speed of its cars, Samuelsson said: "We will come to a point where speeding is seen as bad as, say, smoking on an aeroplane, and you have to ask whether speeding is someone's freedom or his human right, or whether we have a right to stop it."

Limited-run Aventum Coupé is priced from £275k to £375k



UK FIRM CREATES BESPOKE RANGE ROVER COUPE

LONDON-BASED coachbuilder Niels van Roij Design has revealed a new Range-Rover-based Aventum Coupé, which sports an extended two-door design reviving the concept of the recently axed Range Rover SV Coupé.

Just 100 examples will be produced, priced between £275,000 and £375,000 depending on the specification of the base vehicle. This makes it at least £35,000 more expensive than the SV Coupé would have been before it was

ditched, ostensibly to allow Land Rover to focus resources on its mainstream models.

The Aventum's hand-built body is aluminium and it will feature a custom-made interior.

Aside from the lack of rear doors, the Aventum is marked out by a new front grille and exterior badges displaying the name of its designer in place of the Range Rover branding.

Construction of each Aventum Coupé will take around six months.

Suzuki to rebrand Toyota hybrids as part of new tie-up

TOYOTA WILL PRODUCE Suzuki-badged hybrid versions of the RAV4 and Corolla estate as part of a new wide-ranging collaboration between the two firms.

The new Suzuki cars, due to go on sale late in 2020, will be additions to the firm's European range, providing it with the chance to grow its market share - with hybrid systems that will help it to meet future CO₂ targets.

The two models are part of a wide-ranging partnership that has been in the works since 2017 and will initially focus on Toyota's electrified tech and Suzuki's expertise in compact vehicles.

While Suzuki will gain the two new European models and the use of Toyota hybrid engines globally, Toyota will adopt Suzuki's newly developed compact vehicles' engines in as yet undetermined small vehicles in Europe. Toyota will build its own versions of the engines.

In a boost to UK manufacturing, the Corolla

estate-based Suzuki will be built alongside the Corolla at Toyota's Burnaston plant. The addition of the new model is not expected to increase the number of people employed at the Derbyshire facility. The hybrid powertrains will

be produced at Toyota's Deeside facility.

Marvin Cooke, head of Toyota's UK manufacturing division, said: "Seeking to produce additional volume for other manufacturers is one example of all the efforts we

are making to keep our UK manufacturing operations as competitive as they can be."

The two firms will also work to develop a number of hybrid and compact vehicles for the Indian and African markets. The agreement also includes

them looking at conducting joint future research, particularly in areas of development and production, although it also calls for the two firms to "continue to compete freely and fairly against each other".



Suzuki is set to repurpose the RAV4 and Corolla estate

TWO SPECIALS JOIN JAG F-PACE LINE-UP

Jaguar has launched two F-Pace special editions. The 300 Sport has exterior style tweaks, 22in alloy wheels and yellow brake calipers and costs from £53,980. The Chequered Flag is based on the existing R-Sport and costs from £46,995.



FISKER UNMASKS TESLA MODEL Y RIVAL

US EV start-up Fisker, led by ex-BMW designer Henrik Fisker, has given a glimpse of its new Tesla Model Y rival due on sale in the US in 2021 for less than \$40,000 (£30,200). The SUV will have an 80kWh battery and a range of close to 300 miles.



Tucson gets N Line treatment

Sporty version of Hyundai's top-selling SUV paves the way for a full-blooded N variant

Hyundai has previewed a possible hot Tucson N SUV with a performance-honed N Line version.

Due on sale in the UK later this year, the Tucson N Line features a stiffened chassis, revised bumpers, new black-painted 19in alloy wheels and a restyled interior. It is the first of Hyundai's SUVs to get the N Line treatment and follows the i30 N Line hatch.

Thomas Bürkle, Hyundai's European design chief, described the new machine as "an understated sporty car". The firm's best-selling model has been restyled with a more muscular look, including a new front bumper, dark chrome grille, revised LED headlights and twin exhausts.

Inside, the dark theme continues with bucket-style seats trimmed in breathable microfibre cloth, while red

stitching for the steering wheel, dashboard and gear selector provides a visual highlight.

The front suspension is 8% stiffer and the rear 5% stiffer than standard and software changes in the electric power steering are designed to "give a slightly more direct, linear feel at the wheel".

In the UK, the Tucson N Line will be offered with a 136bhp 1.6-litre diesel engine equipped with 48V mild-hybrid technology. This set-up results in WLTP fuel economy of between 41.1mpg and 51.3mpg and CO₂ emissions that range from 110g/km to 118g/km. There will also be a 175bhp 1.6-litre turbo petrol N Line.

The pricing has yet to be finalised but the N Line is expected to sit between the £25,445 SE Nav and the £27,945 Premium trim levels.

JULIAN RENDELL



EXCLUSIVE PICTURES



Skoda looks to create value version of VW's ID hatch

A LOWER-COST electric Skoda based on the Volkswagen Group's MEB platform is under consideration, according to the firm's boss, Bernhard Maier. The new EV would be a sibling car to the VW ID hatch and recently revealed Seat El-Born.

The first model to be

launched on the VW Group's MEB electric car platform will be the Golf-sized ID hatch later this year and Maier said Skoda is evaluating its own version, likely to arrive after 2022.

"We are looking for a lower-specced car," he said. "Once we have a positive business

case, we can come up with a clear solution."

He added: "We want to do a car equivalent to the ID hatch or El-Born, but it has to be one step after another. We have a clear product target."

An electric Skoda Citigo with 186 miles of range will be launched this year, before a production version of the Vision iV coupé crossover concept goes on sale in 2020.

As reported by Autocar last year, there will be two derivatives of that car: a standard SUV and a coupé SUV.

Maier said: "We have two MEB cars. One is the basis. One is the derivative."

Both models will arrive before the end of 2022 as part of a strategy to launch 30 new models by that date, including more than 10 electrified cars.



VRS CARS TO PLUG INTO HYBRID TECH

Skoda boss Bernhard Maier has hinted that future hot vRS models are set to feature plug-in hybrid (PHEV) powertrains.

Maier said the Skoda Vision RS PHEV concept shown last year "demonstrates how Skoda will develop the vRS idea in the future".

The Vision RS's styling gave clues to the design of the now-revealed Scala hatchback, but the powertrain hints at future RS models.

"In this transformation stage from combustion to electrification engine, we have to think of a new

idea for vRS, which is why we introduced Vision RS," said Maier. "That is an idea of how the development will go further."

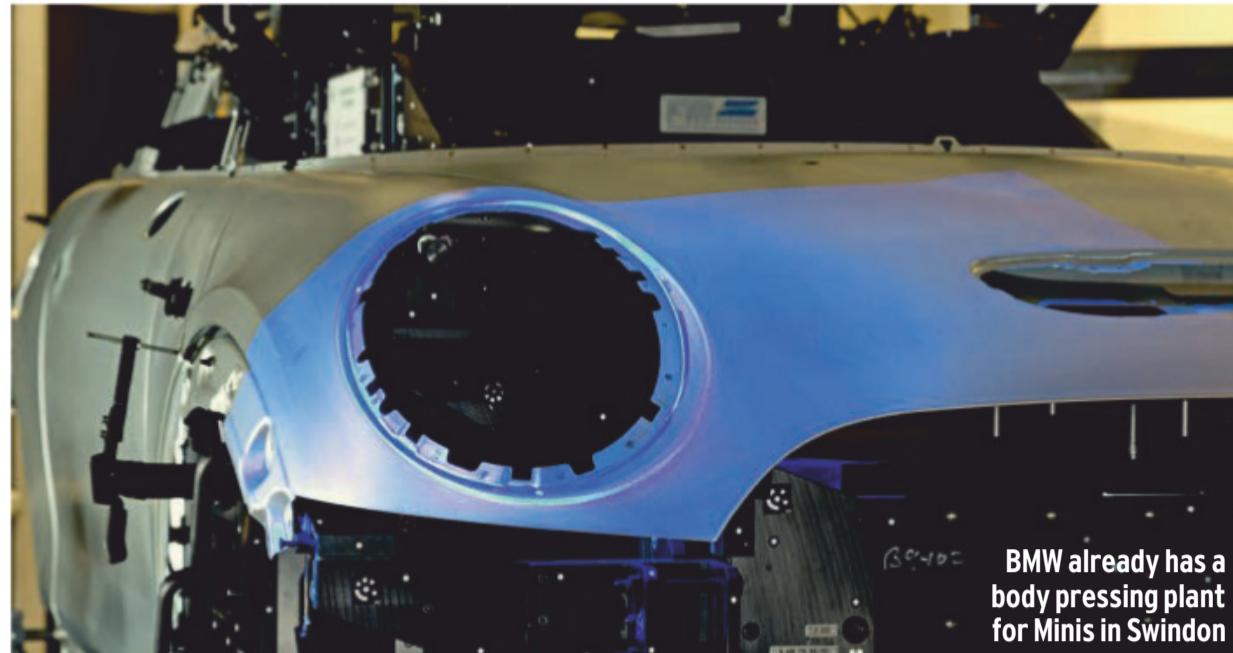
The Vision RS's plug-in hybrid powertrain combines a 1.5-litre turbocharged petrol engine with an electric motor to offer a total output of 242bhp.

A version of this set-up is expected in Skoda's first production PHEV, the updated Superb due this year.





Red stitching adds relief in the dark, sports-themed cabin



BMW already has a body pressing plant for Minis in Swindon

BMW linked to Honda Swindon

BMW IS SAID to be looking at transferring more car production to the UK in light of booming demand for the X1 SUV, among other models - and it is considering taking over the Honda plant in Swindon, according to Autocar sources.

The Honda factory is currently scheduled to close in 2021 when production of the Civic ends, but sources understand BMW is in discussions to take on the site after that date. BMW sources have refused to comment.

There are a number of reasons that BMW is said to be looking closely at expanding its operation in the UK, including the highly integrated production system already in place here.

BMW builds Minis, which are based on the UKL1 transverse-engine platform, at Oxford,

using engines from its Hams Hall plant near Birmingham and body panels from its pressing plant near Swindon.

Currently, BMW also contracts Mini production to the VDL Nedcar factory in the Netherlands. Last year, VDL said output rocketed from 169,000 cars in 2017 to more than 200,000, due to the launch of the new BMW X1, based on the same architecture as the Mini family.

X1 demand is very strong, accounting for more than 13% of all global BMW sales.

Autocar recently revealed some 1 Series production could be moved to the UK, a car BMW sold around 200,000 units of globally last year.

Another clue that BMW is preparing to re-allocate UKL production appears on the VDL company website, where it

states it expects fewer orders from BMW next year and, perhaps, in the years beyond that. The company has reduced its flexible workforce by more than 1000 employees.

BMW has also obtained outline planning permission to extend its Swindon pressing facility.

BMW insiders remain tight-lipped, admitting only that "some reorganisation" is being considered at Mini Oxford.

With BMW selling around 687,000 UKL1-based cars last year - made up of the 1 Series, 2 Series, Mini, X1 and X2 - basing much of this in one place would make huge financial sense, as well reducing the length of supply lines post-Brexit.

Autocar understands the Oxford plant is currently running flat out, hitting a daily production rate of 1100 cars.



IS FERRARI CONCERNED about a new wave of supercar makers arriving with competitors for its products, such as the new Aston Martin Vanquish and Pininfarina Battista? Perhaps not. "Imitation is the best form of flattery," said Ferrari CEO Louis Camilleri recently. "We're flattered."

THE VITO-BASED Mercedes-Benz V-Class large MPV might seem an unlikely choice to gain an AMG-Line version, complete with sporty styling tweaks. But the firm does so because of the V-Class's customer base, which is the youngest of any Mercedes model. Around three-quarters of buyers are under 55, according to Mercedes.



VOLKSWAGEN IS currently converting its Zwickau factory in Germany from Golf and Passat production into its first home for making electric cars. The site should be ready for the autumn and in time it will build up to 330,000 electric cars a year for Volkswagen, Audi and Seat. The facility's first model will be the Volkswagen ID hatchback, which is due at the end of this year. Three other ID models have now been signed off to follow it: an SUV, a saloon and an MPV, launching over the next three years in that order.

JLR defeats Evoque copycats in China

JAGUAR LAND ROVER has scored a landmark win in a long-standing court case in China against a firm that produces a copycat version of the Range Rover Evoque.

The Beijing Chaoyang district court ruled that Jiangling Motor Corporation's Landwind X7 (pictured below) copied five

unique features from the Evoque. It ordered that sales and manufacturing of the X7 must stop immediately and Jaguar Land Rover must be paid compensation.

The X7 was launched in 2015 and priced from around £14,000, significantly undercutting the Evoque.

The verdict could be hugely significant, because China had previously long refused to take action against local firms for producing look-alike versions of models from overseas brands.



Aston lifts the veil on new DBS GT Zagato

ASTON MARTIN HAS given a first glimpse of its new DBS GT Zagato, which will be limited to 19 models and celebrates the DB4 GT Zagato.

The machine is an extensively reworked version of the DBS Superleggera, with styling cues from the original DB4 GT Zagato that include a double-bubble roof, revamped bonnet and unique wheel,

headlight and grille design.

The coupé special is due in late 2020 and available only as part of the £6 million DBZ Centenary Collection paired to the build run of the DB4 GT Zagato Continuation.



DACIA SALES GREW by 10% last year, bucking the broader market. But Europe region boss Jean-Christophe Kugler said there's even more room for growth and that the only limiting factor is production capacity. There are still no plans for an extended line-up.

Bentley lifts lid on future plans

Sports cars ruled out, but GTs, EVs and even aircraft tech all in play for Crewe maker

Bentley will finalise its new model strategy by this summer, with a renewed focus on its credentials as a maker of grand touring vehicles and SUVs, and no 'pure sports cars'.

Werner Tietz, Bentley's board member in charge of engineering, has revealed that the company has decided not to pursue any of the themes explored by the EXP 10 Speed 6 sports car or electric EXP 12 Speed 6e roadster concepts shown by its former management.

Instead, the Crewe firm, now led by Briton Adrian Hallmark, will look to expand its GT line-up. "The concept positioning was not something that fits with our future strategy now," said Tietz. "Pure sports cars are not a topic for us now.

"Since joining, our first move has been to work on the current range, and to set a better cadence for launching products at spaced intervals. Now we are looking at what future possibilities there are."

Tietz declined to elaborate

on specifics, but said any new products would need to broaden the firm's spectrum of buyers, rather than sell additional cars to them.

"The first thing we want to be sure of is that we have a GT car in every segment, and it is not certain if we are there now," he added. "There is more potential in that segment, I think. Bentley can offer something unique, particularly around delivering cars with a sport edge that can, at the push of a button, transform into a luxury, refined car."

"There is some potential when you look at SUVs too, especially around a car larger than the Bentayga if you consider its value to the Chinese and American markets. So, yes, that is one opportunity we are exploring. Bigger cars are an interesting avenue for Bentley - for now, we are not thinking about doing anything smaller, as that's not what we're about."

Reports had suggested that Tietz was considering a smaller, battery-electric crossover as an urban-focused

model, but he said: "We are investigating several concepts for electrification, but for now the promise is that we will offer a plug-in version of every car we have on sale today by 2025. Our research suggests that is what customers want now.

"An electric, city-focused car is one idea we are thinking about, it's true. But it is just a concept in our minds. But would an electric car have to be a new car line, or a successor to something we already have? What kind of range does an urban car need

to have? There are so many directions we need to consider rather than just saying 'we will make an electric car'."

Tietz added: "It is by no means certain that battery-electric is the right way to go. One point we see is that some cars in our line-up - the Bentayga, for instance - is used for towing horseboxes and boats. With the current EV technology, that wouldn't work.

"So we are looking for a step in technology that doubles battery capability. We have looked at solid-state batteries for nearly five years now - they should be able to achieve these goals, but they are not yet ready. If solid state achieves its goals, then it becomes interesting - but only then.

"That's why we are also evaluating fuel cell technology constantly, even if it is probably 10 years away from reaching a point that it can be practical, and also seeing what possibilities there are with the development of synthetic fuel."



Bentley could look to follow the Bentayga with a bigger SUV

An electric, city-focused car is one idea we're thinking about. But it is just a concept in our minds

“



The Crewe brand has been linked with an electric crossover



MAKING ALL THE RIGHT NOISES

MARK TISSHAW

It's now just over a year since Adrian Hallmark was appointed boss of Bentley, tasked with guiding this now 100-year-old car maker through the most uncertain of times in the industry.

When we met him in the middle of 2018, he was particularly bullish on two things that would define the company's next steps: there would be no Bentley sports car, thus axing the previous management's flagship future project, and that an electrified revolution was coming to the firm, and fast.

These latest revelations show that Bentley is preparing to think even more radically in terms of how its model range

evolves, and that it understands the model range it offers now may not be relevant in the future.

Bentley is facing new challenges and challengers, including the likes of Aston Martin's electric Lagonda luxury brand, and understands that the status quo is likely to change.

Adding better cadence to model launches is a good place for the company to start as a bridge to this radical new generation of cars, which we'll get to hear the first details of at a centenary celebration event this summer. What better way to celebrate the past than to look so vividly to the future?

Tietz highlighted the potential for synthetic fuels to be made using clean energy, such as wind power, as being especially appealing.

"The evidence is that these fuels could be CO₂ neutral, and that raises interesting possibilities," he said. "We see the airline industry looking into this quite seriously - the

electric plane doesn't look like becoming a large-scale reality soon - and that could help us open up possibilities. We have open minds."

Tietz said Bentley would give clues to its future direction at events coinciding with its 100th anniversary celebrations in July.

JIM HOLDER

AUTOCAR
IMAGE

UNDER
THE SKIN
JESSE CROSSE

FROM EVO TO EVS: THE CLEVER TECH BEHIND TORQUE VECTORING



e-Twinster has three wet clutch packs running in oil. One at the top of the cutaway allows the planetary gear set to swap ratios seamlessly, while the pair below vector torque to each road wheel.

THE UPSIDE OF winter weather and a bit of snow is the chance to go sledging. When you do, what's your favourite way of trying to steer out of trouble? Sit up with legs forward and gingerly dab a heel in the ground to slew yourself round? Or are you game enough to take the full-on approach, lying face down gouging left and right toes into the snow?

Either way, the effect on the sledge is similar to that as torque vectoring on a car, rotating it to make it change direction without using steering. Torque vectoring simply means directing more torque to one driving wheel or the other to make the car rotate or 'yaw'. Doing that can help overcome power understeer or over-enthusiastic oversteer – or, in a more subtle way, simply improve agility and the car's appetite for changing direction when you want it to. With four-wheel drive and a centre differential, torque can be vectored between front and rear axles in the same way.

Torque vectoring normally works by piggybacking on the natural properties of a differential, which allow one wheel on an axle to go faster or slower than another. Mitsubishi defined the technology with its Active Yaw Control on the Lancer Evolution IV rear axle. It controlled which rear wheel got more or less torque with an electronically controlled wet (bathed in oil) clutch pack either side of the differential gears in the rear axle. It quelled understeer by channelling more torque to the outside rear wheel and, when launching, could direct torque to the wheel with most grip. In rallying, it would help make the Mitsubishi Echos a dominant force.

Fast forward to now and torque vectoring is such a natural fit with the electrification of cars, it would be rude not to. GKN Driveline is no stranger to the technology and produced the hardware (based on a Prodrive Engineering concept) for the torque vectoring rear axle of the original BMW X6. In February, GKN demonstrated its latest e-Twinster technology on the front axle of its Jeep Renegade-based EV, codenamed GTD19. Last year, a similar

system was trialled on the rear axle of a GTD18 Mercedes-AMG GLA 45 test car.

The e-Twinster unit incorporates a 120kW, 2360lb ft GKN e-motor, a Twinster system with two wet clutch packs replacing the geared differential, and can vary the torque between rear wheels by up to 1475lb ft. A two-speed planetary gear set combined with a third clutch pack provides seamless gearshifting necessary with the high-speed, high-power motor and the third clutch can also slip to prevent wheel spin during launch due to the motor's brutal torque.

Purists may question the need for torque vectoring, but it can improve safety and drivability and can banish understeer to the point of controlled drifting with the right foot hard in. On electric cars with heavy batteries, it's useful tech to have in the back pocket – and, let's face it, those Mitsubishi Echos were pretty cool, so why not?

THE LATEST TWIST

A kind of poor man's torque vectoring, torque vectoring by braking is being adopted by a few manufacturers. By applying the brake on one wheel of the axle using a plain 'open' differential (no clutches or limited-slip technology), more torque can be forced towards the opposite wheel. Its use has limitations because of brake wear, but brake temperature is monitored by algorithms in a car's chassis software.



'There will be chaos until 2030'

PSA's boss gives a frank assessment of the challenges facing the motoring industry

As head of the PSA Group, which comprises Citroën, DS, Peugeot and Vauxhall/Opel, Carlos Tavares is one of the most powerful figures in the car industry.

Tavares also serves as chairman of the European Automobile Manufacturers Association (ACEA), so his views on a variety of issues have a major impact on the industry.

Autocar caught up with Tavares on a range of topics, including PSA's recent restructure, Vauxhall's turnaround and his thoughts on new, tougher European Union CO₂ targets.

There are reports you need to cut 100,000 jobs because of the cost of meeting emission regulations. Is that true?

"This is fake news. But more than 20,000 jobs have been shed over the past three months [across the European car industry].

"Electromobility is costly. When we're faced with significant cost, it leads to increased prices and clean emissions become elitist. We either sell fewer cars or get fined [for missing EU emission targets]. So we have to restructure, or sell at a loss to hit the EU targets."

Why are low-emission cars so expensive?

"The cost of batteries is not competitive. If you push the supply of batteries to Asia, the price goes up. The [EU] rules should coincide with the introduction of a European battery maker. It's

not coordinated or planned strategically. Where is the charging network investment? It's not a 360deg approach and there's a lack of rigorous planning. This is serious stuff - the EVs are there and for sale. These are €30,000 (£26,000) vehicles, and there's no decent

charging network. This problem is not all about the car makers."

What is your view on the EU emission regulations introduced in October last year, requiring fleet average CO₂ emissions to be reduced

by 45% from 2020 levels by 2030?

"We are being held hostage by the October vote. An impact study for this doesn't even exist. We need to protect the competitiveness of our industry. At PSA, we will survive and adapt. But when



Tavares says PSA will 'survive and adapt' but is open to partnerships

Renault sketches out new Zoe

THE NEXT-GENERATION
Renault Zoe will be a "heavy phase two" design rather than a new car from the ground up", according to design boss Laurens van den Acker.

The second-generation electric vehicle, due to launch before the summer, will go on sale in 2020 in a far more

competitive market than its predecessor. Van den Acker says that means it "will have to fight for its place".

The design overhaul will include a revamped interior, taking cues from the new Clio, and feature sustainable materials. Van den Acker said they fit with Renault's

philosophy that "EVs should be more ecological".

The most powerful current Zoe, the R110, offers around 190 miles of real-world range. The new Zoe is expected to exceed this, although it is unlikely to match the 292-mile WLTP range of the electric Hyundai Kona.

Asked about range, Renault's European boss, Jean-Christophe Kugler, said: "The psychological tipping point is 300km [186 miles]. The range has never been a blocker for the Zoe and we think today's fits people's needs perfectly."

Van den Acker confirmed Renault's future EV plans will focus on dedicated electric models rather than variants of existing cars.



Mk1 Zoe had a clearer path to EV buyers than its successor will have

COST-CUTTING FORD TO AXE UK JOBS

Ford will cut more than 5000 jobs in Germany as well as a yet-to-be-determined number in the UK as part of the cost-cutting reorganisation of its British business.

The US firm has begun a voluntary separation programme for employees in the two countries. Ford employs around 53,000 people in Europe.

The restructuring of its European business is part of a £14 billion global cost-cutting programme, which includes a focus on production of its strongest-selling models.

In the US, Ford is adding 550 jobs at its Kentucky plant to increase production of its Expedition large SUV.

the EU moves in a speedy way, what happens to the ecosystem of partners, suppliers and dealers? If you shift suddenly, something is going to break. People are not aware of the consequences.

"Around 40% of the total cost of an EV will move to Asia [due to batteries sourced there]. Did the EU have a mandate to send jobs to Asia? We need strategic coordination. Asking these questions is not pushing back against the regulations. Who has the big picture in mind? Where are the charging networks? What about well-to-wheel CO₂? What if a different technology comes in, such as hydrogen? The money is then wasted."

Is PSA considering any partnerships?

"We're not looking for any. We're generating the cashflow necessary to pay for our future - we can make enough money. But if the opportunity comes, we will consider it."

What might create those opportunities?

"There's going to be chaos between now and 2030. Conditions are going to be extremely selective - not all manufacturers will survive



New Peugeot 208 will have an EV variant

FIAT CHRYSLER TIE-UP EDGES CLOSER

The Peugeot family, one of the major shareholders in the PSA Group, is 'ready' to support an acquisition or merger with Fiat Chrysler Automobiles.

PSA has repeatedly been linked to an acquisition of FCA, whose brands include Alfa Romeo, Maserati and Jeep (pictured). Asked about such a deal, Robert Peugeot, chairman of the Peugeot family's FFP holding company, told *Les Echos*: "With them, as with others, the planets could be aligned."



the Darwinism, not all will master the EV track. It's extremely exciting because the competition is going to be extremely selective. That will create opportunities for deals."

How have you turned Vauxhall-Opel around so quickly?

"We brought back management - it is now managed. It's sad to see [Opel CEO] Michael Lohscheller so heavily criticised in his own country - I don't like it. Opel has been in the red for 50 years, it makes a profit and he gets criticised. It's not ethical."

Are you happy with the progress of DS Automobiles?

"Yes. We've sold 40,000 DS 7s, and profitability per sale is sky-high.

The firm has also been connected with Jaguar Land Rover, which is owned by Tata. While Peugeot said no deals were currently in the works, he cited the "exceptional success" of PSA's purchase of Vauxhall-Opel, adding: "If another opportunity comes up, we will not be braking."

The only thing I am not happy with is the performance in China. But fit and finish is where we want it to be."

Why have you been struggling in China?

"The 50:50 joint-venture model doesn't work - it produces slow decisions in a fast-moving market."

What are the prospects for diesel now?

"Diesels are now 35% of European sales, down 8%. Germany is waking up to reasonable thinking, with less emotion. Rather than a dogmatic zero tolerance of diesels, Euro 6 can achieve an improvement by getting rid of old diesels and replacing them. That's the pragmatic approach."

RICHARD BREMNER



Damien Smith

RACING LINES

Toyota might adapt its GR Super Sport concept for Le Mans



THE COUNTDOWN TO the Le Mans 24 Hours in June is on following the first World Endurance Championship round of 2019 earlier this month. Inevitably, Toyota won the inaugural Sebring 1000 Miles, run a day before the Florida circuit's traditional 12 Hours for US IMSA sports cars, because these days the Japanese giant is only racing itself in the top LMP1 hybrid prototype class. WEC has become a sad shadow of what it was when Toyota faced Porsche and Audi between 2015 and 2017.

Still, Le Mans always remains a draw, and this year will feature the additional story thread of which of the two Toyota crews will be crowned 2018/19 'super season' World Endurance champions. Will Fernando Alonso (partnered, lest we forget, by Kazuki Nakajima and Sébastien Buemi) clinch his first world crown since his back-to-back F1 titles in 2005-06? The trio head the way after victory at Sebring.

Bigger, more fundamental questions remain about the future of the Le Mans 24 Hours itself. In less than 18 months' time, regulation changes are due for the WEC (the series straddles two calendar years and runs from September to Le Mans the following June) that will herald a new hypercar era. The trouble is,

Le Mans' rules maker, the Automobile Club de l'Ouest, is tying itself in knots over how those rules should be presented for 2020/21.

The original idea, signed off last December, was for another pure-bred prototype category, but in hypercar form. To race the exotic road cars as they appear in the pages of *Autocar* would require artificial equality - Balance of Performance, as it is known - to allow cars of varying concept to race each other competitively. But these rules are clever, mandating maximum downforce and minimum drag figures, plus strict limits on engine power and weight distribution, thereby avoiding a need for BoP. The ACO also reckons it can limit running costs to just £17 million for a two-car team. That's a snip at this level.

But now car makers, specifically Aston Martin, McLaren and Ferrari, have muddied the waters by successfully lobbying for road-going hypercars to be included, too. But how will they be able to compete with pure-bred hypercar racers? BoP: it's a necessary evil. Likewise, the current (and popular) pro-am LMP2 second-division prototypes must be artificially slowed, to avoid them beating the headlining hypercars...

As usual in motorsport, nothing is simple. For Le Mans, the clock is ticking.

“Balance of Performance is a necessary evil”

GET IN TOUCH

✉ damien.smith@haymarket.com

SPY SHOT LAND ROVER DEFENDER

NEW DEFENDER HOTFOOTS IT ROUND THE 'RING

The new Land Rover Defender has been spotted carrying out performance testing at the Nürburgring Nordschleife as development continues ahead of its launch later this year. The long-wheelbase prototype was spotted on the track, where it is understood Land Rover engineers were making final adjustments to the suspension and steering set-ups.



THE SIMPLE WAY TO BUY NEW TYRES



2,000+
UK Fitting Centres



1.5 MILLION+
Motorists Buy Their Tyres Online With Us



2018/19 WINNER
Auto Express Best Online Tyre Retailer



 **blackcircles.com**
click & fit[®] tyres



Blackcircles.com is the simple way to buy new tyres. Purchase your next set of tyres today to enjoy low prices, a tyre fitting appointment that suits you and first class customer care. *Offer applies to Avon, Bridgestone, Kumho, Michelin and Yokohama tyres only and valid until 30/06/2019. Offer only eligible on qualifying orders of 2 or more eligible tyres. Blackcircles.com reserves the right to withdraw this offer or reduce discount value without prior notice. Code cannot be used in conjunction with any other Blackcircles.com promotion. Discount on cost of tyres only and excludes fitting, balancing, valves and disposal on fully fitted orders and excludes cost of delivery on mail order orders.



Steve Cropley

MY WEEK IN CARS



Ian Warhurst has put the blood back into Bloodhound

MONDAY

To Bedford Autodrome to watch our own Matt Prior and circuit owner and ex-Formula 1 driver Jonathan Palmer endlessly flat out on the East Circuit, refining the special, high-torque, paddle-shift, 2.5-litre version of the Caterham Seven (I'm calling it JPE2) that PalmerSport has developed for this year's driving day season. This was mainly a day of skiving away from the office for me – the others did all the lappery – but it was fascinating to see times fall and the car's balance improve as the tyres, roll stiffness, damper settings and ride height all changed. I'm always impressed by JP and his determination to ensure the customers get driving value for money. No one else is so conscientious and, as you can read on p54, the JPE2 is now one helluva car. Amazing to think its roots go back 60 years.

TUESDAY

A new book from colleague and classic car expert Giles Chapman is always a moment, but when 'Mini: 60 Years' dropped onto my desk, I was still moved to ring him and ask why the world needed another Mini book. There are several. His answer was intriguing: "I decided to write a 35,000-word yarn that brings the stories of the original and new Mini together – so one side will understand the other." About 35% of the text is about the post-2000 Mini, apparently, and Giles says it's an intriguing who-did-what tale. I know this but dimly, and would trust Giles to get the story straight. So I'll be forking out the thoroughly reasonable £25.

THURSDAY AM

Fantastic to meet Ian Warhurst, the Yorkshire-based engineer-entrepreneur who bought the Bloodhound land speed record car at the turn of the year. He turns out to be friendly, modest,

Bloodhound was saved from the oxy-cutters by just a day

ambitious and a car enthusiast – all the desirable qualities. What's more, he yesterday announced plans to chase a new land speed record in South Africa. It's an amazingly positive outcome, given that the car was saved from the oxy-cutters by a single day. The brilliant and ambitious team now has headquarters in a university technical college at Berkeley, near Gloucester, a superb achievement given that this project is about encouraging young people to embrace technology. More strength to their collective arm!

THURSDAY PM

Three hundred fascinating miles in a Ford Focus ST-line X manual, powered by the benign but strong 180bhp version of Ford's 1.5-litre petrol turbo triple. Two impressions linger: first, how the

AND ANOTHER THING...

Some people love cleaning cars. I usually find it a chore. But things got better recently when I found this excellent hairy mitt in Halfords. Shifts road gunge like it is hardly there. They've been around for years, clean-car fetishists tell me, but I never knew.



Vauxhall Astra GTC is a looker: RIP, three-doors

Focus has grown; second, what a powerful case this car makes for manual six-speed gearboxes.

Ford's tradition has always been to increase the size of its models as the generations roll but, given the size of this latest car and the limitations the proportions put on visibility, I can't help feel this policy needs changing. Lighter and smaller (but brilliantly packaged) is surely the modern way. On the gearchange: this Focus is one of the sweetest shifters I've tried. It delivers seamless, silent, vibe-free gearchanges through careful balancing of all the many things that matter – clutch stroke, effort and bite, gear ratios, throttle response, rev drop when off throttle and gearlever throw, effort and position. They're all brilliant. One reason I've tended to prefer small-engined automatics in recent years is for their refinement. This gearbox poses a fine argument in the other direction.

FRIDAY

The latest crop of mid-sized hatches – Golf, Focus, Astra and friends – are all artfully styled to affect coupé-like lines even though they're all five-doors, because it's no longer economic to make separate three-doors. It's a trend I miss. Can't help thinking three-doors will be classics tomorrow. My favourite is the last-generation Astra GTC, which is just exceptional.

GET IN TOUCH

✉ steve.cropley@haymarket.com @StvCr

AUTOCAR

IGNITING YOUR PASSION FOR CARS SINCE 1895

We are proud of our heritage, but the future is exciting for us car fans too.
Join Autocar Subscriber Extra today and be part of the next 124-year story.



**FREE AUTOGLYM BODYWORK
& WHEELS KIT WORTH £23
AND SAVE 34%**

when you subscribe today

SUBSCRIBE TO AUTOCAR

For 124 years, Autocar has been dedicated to sharing with you our love of cars every week. You can turn your support of Autocar into access to an even more exclusive club by subscribing. Every Wednesday you'll be first to read the magazine packed with news, reviews, insightful features, star columnists, used car buying advice and our expanded data section. You'll also receive regular free supplements and gain access to exclusive benefits (see below). There has never been a more interesting or significant time for the car industry and we'd love for you to join us on what promises to be an exciting journey.



AUTOCAR
SUBSCRIBER
EXTRA

SUBSCRIBE



SUBSCRIBER EXTRA BENEFITS...

1. **WEEKLY NEWSLETTERS**

Exclusive content in weekly newsletters

2. **DISCOUNTS**

Exclusive discounts from carefully selected partners

3. **SUBSCRIBER EVENTS**

Access to exclusive subscriber-only events

4. **COMPETITIONS**

Subscriber-only competitions

JUST £9.99 EVERY 4 ISSUES

PLUS FREE AUTOGLYM BODYWORK & WHEELS KIT.

VISIT [AUTOCAR.CO.UK/SUBSCRIBE](https://www.autocar.co.uk/subscribe)

or call 03448 488 816 and quote promotional code 'AC319MP'

Terms and conditions: This offer is open to UK residents only. Overseas rates are available on +44 (0) 1604 251 450. Please allow 35 days for delivery of your gift and first issue. The gift will be sent under separate cover from the magazine and will not be despatched until your first payment has cleared. Should we run out of gifts, you will be offered an alternative gift - there is no cash alternative. Should you wish to cancel your subscription, it will be cancelled on expiry of the current term, which will not be refundable, other than in exceptional circumstances. Savings are based on the standard UK cover price of £3.80. Offer ends 5 April 2019.

FIRST DRIVES

NEW CARS TESTED AND RATED



TESTED 13.3.19, FRANCE ON SALE LATE 2019 PRICE £23,000 (EST)

BMW 1 SERIES

New compact hatch ditches rear-wheel drive for front drive. Any general car enthusiast or BMW fan worried by that should read on



“

The indications are that it will be a car capable of holding its own against some tough rivals

”



TESTER'S NOTE

The new 1 Series will be launched with a range of petrol and diesel engines, but the architecture can accommodate hybrid powertrains, too. The firm says no decision has been made on whether they will be offered, or when they will arrive. **JA**



Shorter bonnet is a clue that under the guise sits a platform using a transverse engine as part of a natively front-drive set-up

There's only one place to start when discussing the new BMW 1 Series: at the front. As opposed to the rear. Because the front is where you'll find its driven wheels.

That's a fundamental shift. Since the first-generation 1 Series was launched in 2004, it has been rear-wheel drive, a layout long viewed as an essential part of BMW's 'ultimate driving machine' philosophy. Worth talking about, then, right?

Except Peter Langen, BMW's driving dynamic boss, would rather not. "I would like not to discuss with customers whether it's a front-wheel-drive car or a rear-wheel-drive car," he says. Instead, he simply wants people to talk about how the new 1 Series is better than the old one, because "every new BMW has to be a better car in terms of drivability".

BMW research suggests the bulk of 1 Series buyers don't care – or even know – whether the car is front- or rear-wheel drive: they simply want a family hatch with BMW's blend of premium style and comfort.

What those buyers do care about is space – and they want more of it. Because of its rear-drive architecture, the 1 Series simply hasn't been able to match front-driven rivals such as the Mercedes-Benz A-Class and Audi A3 for space, particularly in the back and boot. Hence the shift to front drive for the new, F40-generation model.

The new 1 Series sits on the latest

version of BMW's FAAR front-drive platform, also used for the 2 Series MPV, X1 and X2 SUVs and Mini Countryman. It means that, while roughly the same size as before, the new 1 Series has 30mm more knee room in the rear and an extra 20 litres of boot space, according to BMW.

For the majority of potential 1 Series buyers for whom such things matter, BMW believes that could count for more than rear-wheel-drive handling. Of course, plenty of 1 Series owners likely do care about driving dynamics, and we'd suspect Autocar readers make up a disproportionate number of that group. Said group might also be concerned by the

fact that the FAAR platform has transverse rather than longitudinal engine mountings. This means that the bonnet is shorter but also that the six-cylinder engine used on today's range-topping 335bhp M140i won't fit. Instead, the top model at launch will be a 306bhp M135i xDrive, using a new 2.0-litre four-cylinder engine. As with other higher-level models, the M135i xDrive uses BMW's all-wheel-drive system, which works the front axle as standard but can send up to half the power to the rear axle.

We'll get back to that model later. But there is cause for concern if chasing a bigger boot has come at the expense of performance. However,

Langen would like to reassure you that the new 1 Series still handles like, well, a 1 Series. Only better.

"We have technical possibilities more than we had 15 years ago [when the first 1 Series launched] to make a front-wheel-drive car that really is a better BMW," he says.

The firm has spent five years developing systems and hardware to ensure a front-drive 1 Series can match the demands of Langen's team, particularly over suspension, differentials and new software.

There's a wider wheel track and an emphasis on increasing body stiffness, including a 'boomerang' strut on the rear axle, and mounting bespoke to each of the different F40 models, to ensure they all handle the same.

There's a new mechanical Torsen limited-slip differential and a key area of focus has been on a new traction control system called ARB, which was first seen on the i3S. The system features a controller positioned directly on the engine, reducing signal delay when it detects traction loss. BMW estimates this system can work 10 times faster than a traditional one and, as a result, can more accurately adjust the power delivery as needed. That system also works with BMW's Dynamic Stability Control (DSC) and yaw control systems, which can apply marginal braking on each wheel to stabilise traction and lateral balance.



Dashboard is shrouded for now but there's no hiding the steering's ability

ON TRACK WITH THE 306BHP M135 XDRIVE

The range-topping M135i xDrive version of the new 1 Series has lost two cylinders and around 30bhp from the old, F20-generation M140i but BMW says it will offer the same top speed and acceleration, with more usable power.

The new car is 20kg lighter than its predecessor, with a brand-new four-cylinder engine that will also be seen in the forthcoming M235i Gran Coupé. It features a unique suspension among F40-generation models, with increased local stiffness at key points. And, unlike the M140i, it will be offered with all-wheel drive as standard.

On a test track, it doesn't want for performance, with strong response and confidence-inspiring handling. The engine delivery is smooth and it sounds the part, too.

BMW's belief is that less can be more, and the M135i certainly feels like it has the performance credentials to trouble the Ford Focus ST and Mercedes-AMG A35.



Front-drive 1 Series resists understeer well using a mixture of hardware and clever software

BMW says the combination of DSC and ARB results in a significant reduction in the understeer typically produced by a front-wheel-drive car.

Which is BMW's acronym-filled way of saying Langen's target – the new 1 Series should handle like a 1 Series. Only better – will be hit.

To find out, we were given the chance to sample a variety of 1 Series models, heavily disguised and with most of the interior switchgear covered, on test tracks at BMW's Miramas facility in France and on public roads in the surrounding countryside. The models included the entry-level 118i, powered by a 140bhp 1.5-litre three-cylinder petrol engine, and the 120d xDrive, with a 190bhp 2.0-litre four-cylinder diesel. We also drove the M135i xDrive on a test track (separate story, top right).

The 118i we drove on public roads was fitted with standard suspension and felt nicely balanced, riding bumps well and maintaining composure on both fast and twisting roads. The steering – another area of focus for BMW – was pleasingly direct and reassuring. Sure, carry enough speed into corners and it's possible to detect a hint of understeer, but it still felt much like you'd expect from a BMW and enough to suggest the F40 1 Series will be a contender among the more dynamic offerings in the family hatch category.

The 1.5 three-cylinder engine,

driving through a seven-speed automatic, didn't necessarily feel as responsive as some rivals' and won't offer much in the way of thrills, but it still offered brisk and responsive progress when up to speed.

To fully showcase the new systems in the 1 Series, BMW also provided us with access to its wet handling course and a 118i fitted with sport suspension, along with an F20-generation 118i. Contrary to what you might expect, it was the newer, front-drive car that was more neutral and pliable in reduced-grip conditions. The new DSC system reacted to steering inputs. Entering a corner too fast, at the point where you'd expect

a front-wheel-drive car to understeer wide, turning the wheel harder set the system to work, adjusting the power and finding grip.

With more power, the 120d xDrive offered better acceleration, aided by an eight-speed Steptronic gearbox. The xDrive system also felt natural, and it was difficult to detect the car shifting the power away from the front axle, no matter how hard you tried to trick it with the throttle. The addition of a drivetrain that powered the rear wheels didn't alter the fundamental dynamics of the car compared with the 118i, suggesting a solid base – and a promising sign, given that final

development work is still being done.

We'll have to wait until that work is complete before drawing a definitive verdict on the new 1 Series, but the indications are that it will be a contender in the premium hatch division and a car capable of holding its own against some tough rivals, especially with the promised increase in interior space and comfort.

The switch to front-wheel drive remains the talking point, but the future discussion is likely to centre around this: despite such a major shift, the new 1 Series still handles like, well, a 1 Series. Phew.

JAMES ATTWOOD
@atters_j



New 1 Series will go on sale in the UK towards the end of this year

BMW 118i

It might be powered from the front, but it still feels like a BMW – and it could be up the front in its class, too

Price	£23,000 (est)
Engine	3 cyls, 1500cc, turbo, petrol
Power	140bhp
Torque	tbc
Gearbox	7-spd automatic
Kerb weight	tbc
0-62mph	tbc
Top speed	tbc
Economy	tbc
CO ₂ , tax band	tbc
RIVALS	Audi A3, Mercedes-Benz A-Class

Allow us to demonstrate.



The Birds B-Series Dynamics Package

Fed up of poor ride quality and lack of traction?

Our Dynamics Packages for the BMW 1 & 2 Series combine the market-leading Quaife ATB Differential with our signature B-Series Sport Suspension Kit - a set up developed with the help of industry experts and professional drivers to achieve superior ride quality and unrivalled handling performance on UK roads.

Arrange a demonstration at Birds and we'll prove our reputation for engineering the most enjoyable and dynamically rewarding BMWs in the UK.

Birds
Ultimate BMW Performance
www.birdsauto.com | 01753 657 444





TESTER'S NOTE

The outer roundels of the digital instrument cluster are obscured by the steering wheel rim, but since what they display is of secondary importance, it doesn't matter. Drivers have necks: use yours to move your head an inch or so and you can check the ambient temperature or fuel gauge perfectly easily. **MS**



TESTED 20.3.19, NORTHUMBERLAND ON SALE NOW

PORSCHE 911 CARRERA 4S

All-new eighth-generation 911 takes its first steps on UK roads and doesn't disappoint

New added-width, 992-generation Porsche 911: meet famously narrow British B-road. Now here's the good news: the 992 still feels pretty slim-hipped for a full-sized sports car. That it's even more incisive and precise in its handling than its 991-gen predecessor means owners of old 'narrow body' cars will hardly notice the difference.

Anyway, the most revered sports car in the world hasn't so much become wider as less narrow, which sounds like the same thing but isn't. The 45mm of extra metalwork across its wings only brings the rear-driven version up to the same width as the old four-wheel-drive one. It has been done not only to improve the handling of the rear-drive car but also in response to customers who've asked for a wider-hipped, better-looking, purist's-pick rear-driven 911 for some time. These customers have been getting exactly that with the 911 GTS for a couple of model generations, but now they needn't venture that far up the line-up.

The car is available as only a 444bhp Carrera S or 4S to begin with, and only with Porsche's new eight-speed PDK two-pedal gearbox. (Convertibles of the same won't be far behind the first coupés.) There's the usual abundance of options to tailor the driving experience, such as lowered sport suspension, active four-wheel steering, active anti-roll bars, carbon-ceramic brakes and Porsche's familiar Sport Chrono package. PASM adaptive dampers and an electronically locking rear differential are now standard.

An all-new seat design allows you to sit 5mm lower in the car; not that you'll notice straight away. You'll be too busy marvelling at the quantum leaps in perceived quality, on-board technology and crisp-edged interior style, which leave you in no doubt whatsoever that you're sitting in a very expensive and advanced car.

New induction, injection and exhaust systems appear on the 3.0-litre turbo flat six. Responsiveness is alleged to have improved in tandem

with outright power and torque compared with the old Carrera S, but it's the eight-speed gearbox that has altered the two-pedal 911's driving experience more profoundly, giving you more cogs to keep track of and a bit more acclimatising to do to get an intuitive sense for gear selection.

The remarkable range and flexibility of the engine helps you along during that process. It's nicely burly from 3000rpm but still vividly rewards you for hanging on above 5500rpm and endows the car with a performance level you're unlikely to feel the need to upgrade on the road.

With optional four-wheel steering, active anti-roll bars and lowered suspension fitted and in all-wheel-drive form, our test car's ride and handling compromise still seemed supremely measured and natural. Notably more agile and incisive through tighter bends than a like-for-like 991, it seemed a shade more vertically composed over bigger lumps and bumps, too, without totally sacrificing the 911's dynamic

calling cards: a front axle that gently starts to bob as the chassis knuckles down and handling that's made more alive to pedal inputs by that rearward weight distribution. Even with four-wheel drive, the 911's cornering stance can be planted and secure on a balanced throttle or more enlivened mid-corner by either the withdrawal or the judicious application of power.

While four-wheel drive might introduce a compromise or two – to the car's limit-handling predictability and purity of steering feel chiefly – this tester wouldn't discount it on that basis. A Carrera 4S must be at least 95% as good to drive as a Carrera S; and 95% as good makes this a very special driver's car indeed.

MATT SAUNDERS

@thedarkstormy1

PORSCHE 911 CARRERA 4S

All-wheel-drive 911 takes to UK roads supremely well. A rear-driver may be a shade better but 4S is still brilliant

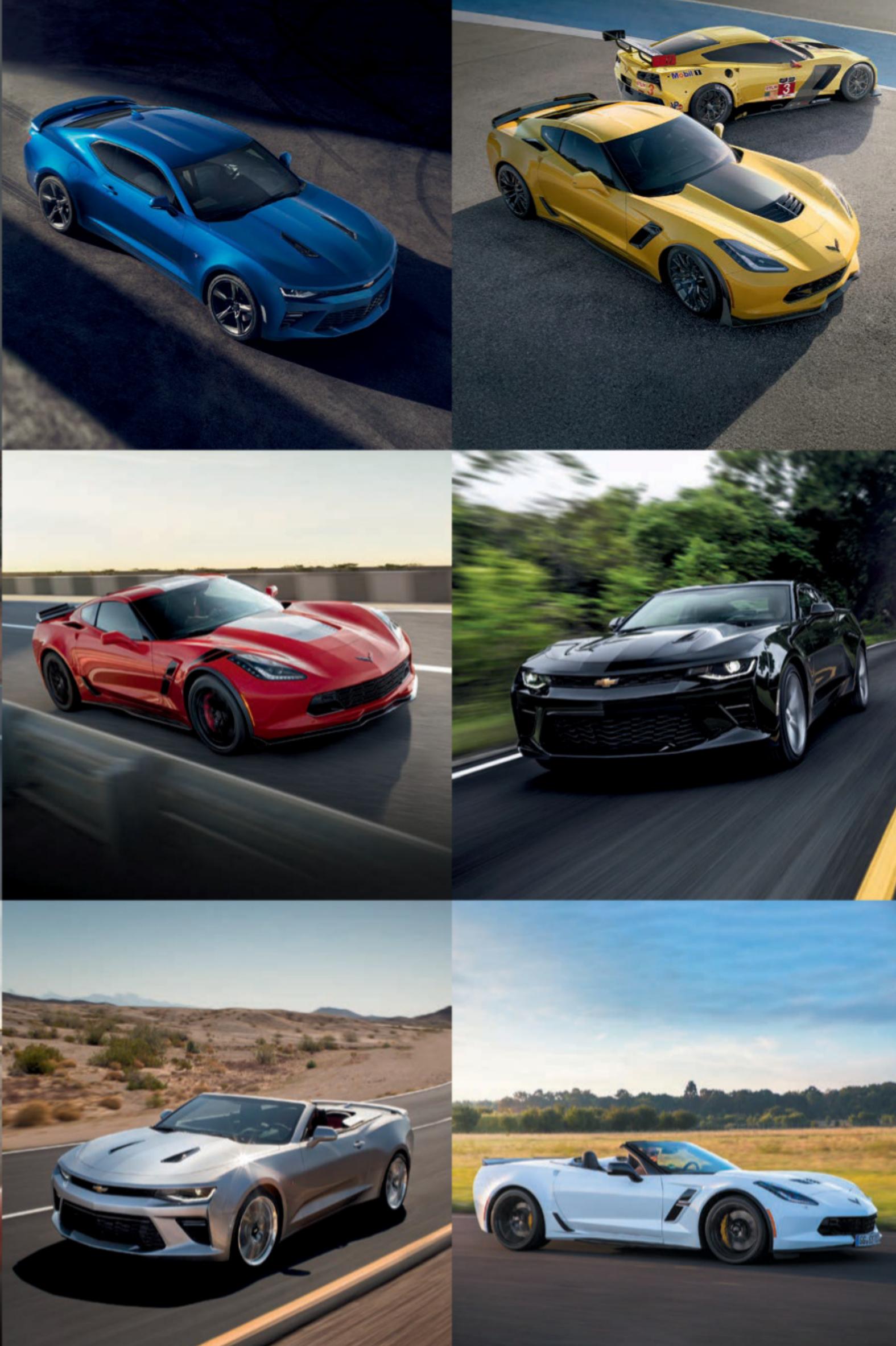


Price	£98,418
Engine	6 cyls, 2981cc, twin-turbo, petrol
Power	444bhp at 6500rpm
Torque	391lb ft at 2300-5000rpm
Gearbox	8-spd dual-clutch automatic
Kerb weight	1565kg
Top speed	190mph
0-62mph	3.6sec
Economy	25.7-27.2mpg (WLTP comb'd)
CO ₂ , tax band	WLTP figures tbc
RIVALS	Audi R8 5.2, Jaguar F-Type R AWD



Switchgear and instrumentation are notable highlights in the improved cabin of a car well suited to UK B-roads

LAST OF THE TRUE 6.2 V8s



CORVETTE & CAMARO V8

FIND NEW ROADS™

Ian Allan Motors has negotiated a great deal for all those looking to own the last of the true V8 cars from Chevrolet.

We have a limited number of Corvette and Camaro cars for the UK market.

For all those wishing to own a piece of true American V8 history please get in touch.

Arrange a test drive with your Chevrolet Partner:

ian
allan
Motors

CHEVROLET 

Sandhills Lane, Virginia Water GU25 4BT
01344 842801
www.ianallanmotors.co.uk

TESTED 19.3.19, SURREY ON SALE NOW

FIRST DRIVES

LEXUS UX

Petrol-hybrid crossover tastes British Tarmac for the first time



Some six months after we got our first taste of the Lexus UX in pre-production form in Sweden, the baby brother to the NX and RX SUVs has finally landed in the UK.

It's an interesting-looking motor, isn't it? I dare say its myriad creases, folds and angles will prove rather polarising; but to these eyes, the compact SUV cuts a fine form.

Our previous experience of the model Lexus hopes will push its European sales in 2020 through the 100,000 mark has been limited to the F Sport variant, but this time around we're driving it in standard guise. The fitment of the £4200 Premium Plus Pack – which adds sumptuously upholstered cream leather seats, seat heaters, 18in alloys and a handful of other tasteful features – pushes its £29,900 asking price up to £34,100. It's undoubtedly a fine, richly

finished cabin. But the crucial point of difference is that this UX forgoes the F-Sport's adaptive dampers and sportier suspension set-up. The result is a distinctly soft-edged primary ride that, while perfectly agreeable around town, does feel almost constantly unsettled on Britain's more questionably surfaced A- and B-roads.

Body roll through bends is also noticeably pronounced, while the car's front tyres don't require much in the way of provocation to lose purchase and nudge into understeer. Combine all this with a muted steering rack, and the UX isn't a car you would call particularly athletic. Certainly not as athletic as its dashing exterior suggests it might be, in any case.

Those 18in alloys, while smartly styled, also have an amplifying effect on secondary intrusions. Even on

the motorway, the gentle vibrations created by rolling over miniature lumps and bumps were transmitted to the backs of my thighs. Road and wind noise was audible, too, but easily drowned out by turning up the sound system's volume a few notches.

Ultimately, these dynamic shortcomings shouldn't serve as a deal-breaker for potential UX buyers. Around town it's comfortable and quiet, and impressively economical. The manner in which the CVT and hybrid powertrain work to guarantee a smooth step-off and reasonable low-down punch will appeal to many, too.

That said, we'd still be inclined to opt for the F-Sport.

SIMON DAVIS
@simondavisnz

LEXUS UX PREMIUM PLUS PACK

Basic UX loses some of the F-Sport's dynamism, but remains a largely refined, comfortable urban runabout



Price	£34,100
Engine	4 cyls, 1987cc, petrol, plus electric motor
Power	179bhp (total system output)
Torque	140lb ft at 4400-5200rpm (petrol motor only)
Gearbox	CVT
Kerb weight	1620kg
0-62mph	8.5sec
Top speed	110mph
Economy	49.6-53.3mpg (WLTP)
CO ₂ , tax band	WLTP figures tbc
RIVALS	Volvo XC40, Audi Q3



Test car's interior was enhanced by the £4200 Premium Plus Pack



RENAULT MEGANE RS 300 TROPHY

Price £31,835 On sale Now

What's new? Trophy model gets more power, less weight and a Cup chassis as standard

THIS IS NOT a performance hatch for pretenders. It's a car that's entirely characterised by attack: from the immediacy of its rear steering-assisted turn in, to its apex-hunting slippery diff, to its teeth-rattling ride that's almost comically uncomfortable on UK roads. There's absolutely nothing soft about the Mégane RS 300 Trophy, but the payoff is that it's without doubt one of the most thrilling members of its class.

The thing is, though, the same goes for a £29,335 Cup chassis-equipped Mégane RS 280; and unless you were driving both back-to-back on track, it would be difficult to see what the additional weight-saving measures bring to the table. I would be tempted to pocket the Trophy's £2500 premium and spend it all on fuel. **SD**



AUDI R8 V10 COUPE

Price £128,200 On sale Now

What's new? Overhauled engine makes the greatest thing about the R8 even greater

AUDI'S UPDATE FOR its all-wheel-drive supercar injects plenty of extra styling attitude – note the meaner-looking grille, swollen air intakes and pointier splitter and diffuser. This lower-end fixed-roof R8 also delivers an extra 30bhp and 7lb ft, as well as some calibration tweaks.

And even in lower-rung tune, Audi's Lamborghini-sourced V10 engine remains magnificent in this car: soulful, free-revving and wonderfully dramatic.

The surprisingly gentle ride and stable handling make it easy to put that engine to work on the road, but don't involve you like other supercars can. We'd look to more dynamically configured specifications of the car for lasting excitement. **MS**



READ MORE ONLINE
autocar.co.uk



Nissan Micra

Two years after launch, the fifth-gen Micra range gets a warm hatchback: the N-Sport

MODEL TESTED DIG-T 117 N-SPORT

Price £19,005 • Power 115bhp • Torque 148lb ft • 0-60mph 10.2sec • 30-70mph in fourth 12.4sec • Fuel economy 33.4mpg • CO₂ 133g/km (WLTP) • 70-0mph 47.1m



We like

- Subtle styling additions set a convincing warm hatch tone
- Strong real-world performance for the class, with competitive economy

We don't like

- New engine lacks the levity and spirit of fellow downsized rivals
- Chassis is merely competent at speed, giving the driver few options

When the current, fifth-generation version of Nissan's Micra supermini first hit UK roads in 2017, its appearance suggested this N-Sport might be coming. Gone were the effete, bug-eyed curves of generations gone by, ditched for a much more edgy, wedgey, arrowhead aesthetic that, though contemporary, looked less authentic on the car, according to some estimations. Whether they seem to belong on a Micra or not, however, the car's new youthful, sporting looks undoubtedly lend themselves to a performance makeover; and, as evidenced by this week's road test subject, the go-faster treatment is exactly what the Micra has now got.

As part of the car's first mid-life update, a couple of new engines have been added to the model range, with an Xtronic CVT two-pedal transmission made available in anticipation of growing interest in automatic-equipped superminis. Some equipment and trim revisions have been brought in too, which we'll also get into over the following pages.

But it's the Micra N-Sport that's the headline addition. This derivative becomes the first product from the Renault-Nissan-Mitsubishi Alliance to feature the 1.0-litre three-cylinder version of the new petrol engine family developed in tandem with Daimler and, in 1.3-litre form, already used to power both the Nissan Qashqai and the Mercedes A-Class. It moves the Micra onto peak power of 115bhp – enough to stand comparison with cars like the Ford Fiesta ST-Line and Seat Ibiza FR. As you're about to read, the N-Sport also benefits from changes to the technical specification of the suspension, steering and transmission, and from upgrades to the exterior styling and cabin. Time to find out what kind of junior driver's car can be made from this newly assertive-looking supermini, then.

DESIGN AND ENGINEERING



Outwardly, the N-Sport differs little from any other Micra – but, given the K14-generation model rewrote the Micra style book (sharpening the pudgy proportions while increasing both its height and length) and this latest version is a mere refresh, wholesale changes were never expected. Visual alterations are instead largely limited to carbonfibre-style finishing on the wheels and door mirrors, along with gloss-black bumper inserts, and the five-door Micra continues to disguise its rear doors by integrating its handles into the C-pillar trim.

Nissan's engineers cannot be accused of sitting on their hands, however, because underneath the bonnet sits an all-new engine that makes this N-Sport the most powerful Micra yet. Admittedly, this is in the same vein as being the most practical Lamborghini, or the fastest snowplough, but in the context of a

Range at a glance

ENGINES	POWER	FROM
IG 71	70bhp	£12,875
IG-T 90	89bhp	£14,715
IG-T 100	99bhp	£17,935
DIG-T 117	115bhp	£17,305
dCi 90	89bhp	£15,300

TRANSMISSIONS

- CVT
- 5-spd manual
- 6-spd manual

In step with the wider supermini market, Nissan offers the Micra as a five-door hatch only. The engine line-up is mostly made up of three-cylinder petrols paired with five- or six-speed manual transmissions, depending on output. A sole four-cylinder diesel is offered with a five-speed 'box. Visia represents the entry-level trim and Tekna crowns the range. Interior and exterior personalisation packs provide plenty of scope for customisation.

front-driven supermini that tips the scales at less than a tonne, 115bhp nevertheless seems promising.

An over-square three-cylinder turbocharged petrol, this 1.0-litre DIG-T unit uses a compact 'delta' cylinder head and spray coating for the cylinder bores (molten iron instead of solid, and far thicker, cast-iron liners), while the turbo benefits from electric actuators. Compared with the old 0.9-litre petrol, there's also direct fuel injection, variable valve timing for intake and exhaust and a higher compression ratio, though this trio of technologies is found on the lesser – but also new, and similarly sized – 99bhp IG-T engine too. The resulting 133lb ft from 1750rpm, with 15lb ft of overboost, pushes the N-Sport into 'warm' supermini territory, joining the Volkswagen Up GTI, Suzuki Swift Sport and Ford Fiesta ST-Line.

The aesthetic additions N-Sport trim brings can be optioned for any 1.0-litre Micra, though the most powerful version uniquely benefits from chassis tweaks to improve the driving experience. The suspension – passively damped, and using the same MacPherson strut front and torsion beam rear architecture as any other Micra in the range – sits the car 10mm lower with firmer spring rates for greater body control. The electromechanical steering is also lighter and quicker, to impart a greater feeling of agility, though where most rivals have moved to →



● A chrome tip for the solitary tailpipe is an understated exhaust treatment for a sporty model, but quite likeable for it nonetheless. The surrounding rear bumper treatment is nicely reserved as well.



● The 17in wheels are painted alloys with carbonfibre-style inserts on the spokes. That's unusual on this kind of car but not unbecoming. Door mirror caps get a matching carbonfibre look or are optionally available in chrome, blue, orange or gold.



● N-Sport gets you halogen foglights, integrated into a front bumper every bit as restrained as the rear one. The N-Sport bodystyling has to translate onto the IG-T 100 engine, which perhaps is why it isn't more visually purposeful.



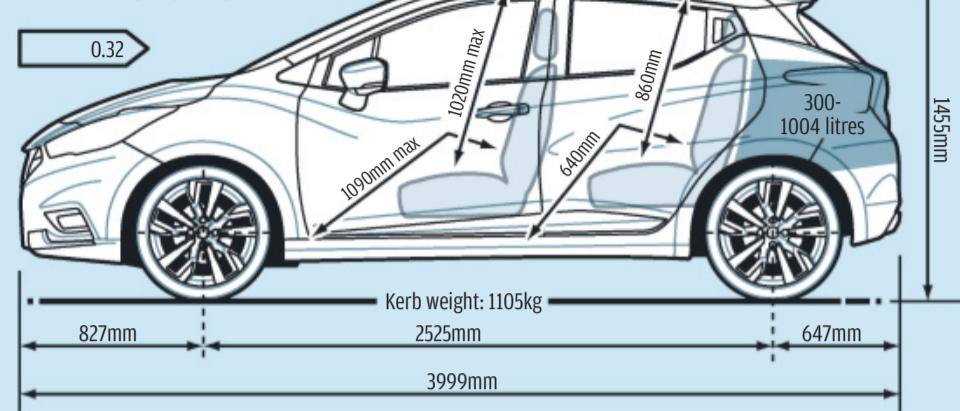
● Sensory kit needed to run the Micra's active safety systems (lane intervention, emergency braking with pedestrian detection) is integrated behind the grille badge, which is a clever solution.



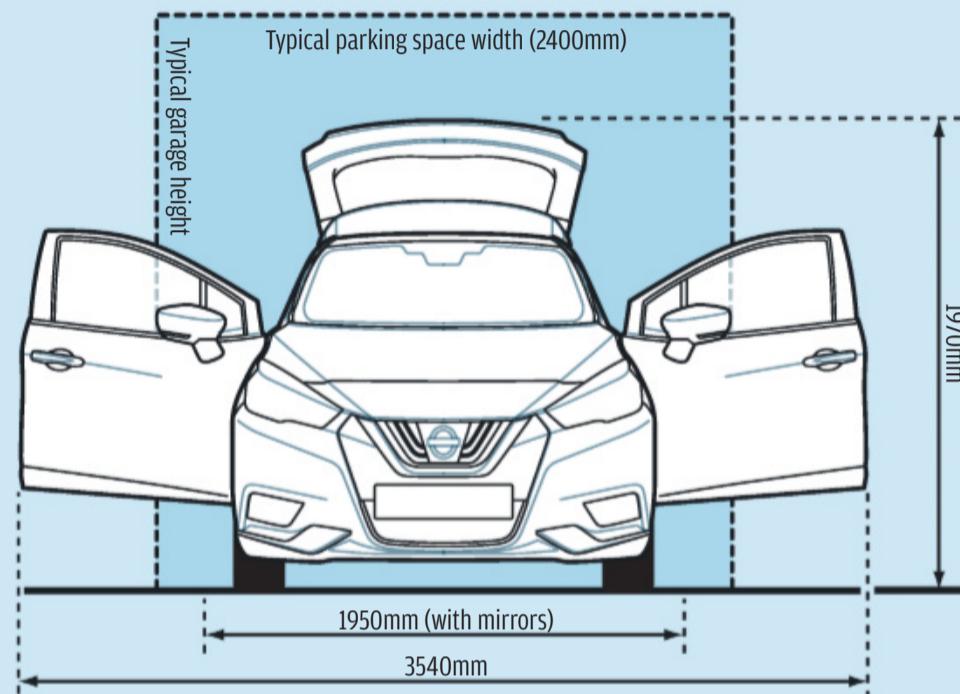
Original Micra was as straight as its styling

Weights and measures

DIMENSIONS

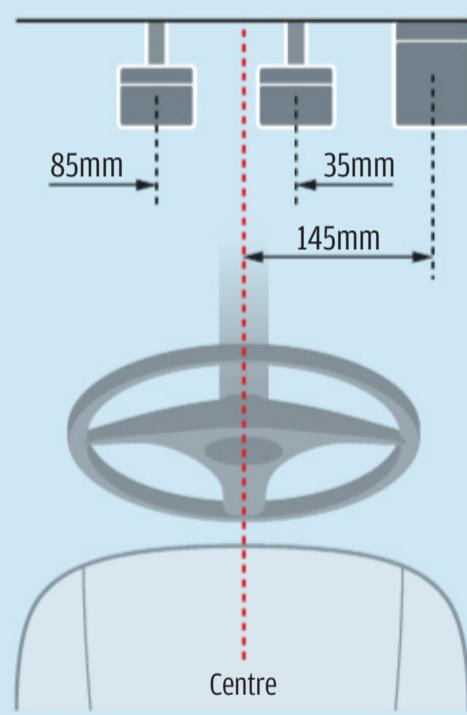


PARKING



WHEEL AND PEDAL ALIGNMENT

Pedals are spaced in a comfortable enough fashion and there's even some scope for heel-and-toe braking, should it take your fancy. Steering column is positioned centrally and adjusts for rake and reach.



HEADLIGHTS

The Micra's halogen-bulb headlights provided adequate spread and depth on low beam around town after dark, but we didn't get an opportunity to test the main beam in proper rural conditions.



Driving position is pretty typical of a supermini: a little upright, but most wouldn't complain about it. Controls are well placed. Seat is a bit flat and short in the cushion.



Striped leather/Alcantara upholstery extends into the rear cabin. Accommodation levels are under par for the class: there's little space for full-sized adults.



Micra's boot isn't the biggest in the class but it's still large enough to carry a buggy upright or to accommodate a good weekly shop.

→ better-performing discs, the rear is still braked using drums. Meanwhile, though the 99bhp Micra is offered with manual and CVT transmissions, only a six-speed manual is available for this 115bhp version.

Fitted with a new gasoline particulate filter (GPF), on 17in wheels and 205/45 tyres, the DIG-T Micra returns a WLTP combined fuel economy of 47.9mpg, with CO₂ emissions of 133g/km.

INTERIOR



There's an athletic flair that permeates the N-Sport Micra's cabin – one that is well judged in relation to its status as a moderately sporting performance derivative. The seats are trimmed primarily in dark

Alcantara, which is complemented by contrasting dual white stripes. The dashboard facing is finished in the same material, complete with further contrasting white stitching. Meanwhile, the soft-touch synthetic material covering the top of the dash is inoffensive to prodding fingers, and the white surrounds of the outer air vents are juxtaposed smartly against the cabin's darker palette.

Of course, the N-Sport isn't free from the sorts of tougher, more industrial plastics common to members of the supermini genre, but their use is subtle enough to prevent the Nissan from being singled out among its peers. It's just a shame that the range of colourful interior personalisation packs available throughout the wider Micra range

can't be optioned at the N-Sport grade – orange seat bolsters would inject the place with a touch more character. Elsewhere, the Micra continues to exhibit an impressively low hip point, while generous reach in the telescopic steering column mitigates the need for taller drivers to hunch themselves over the well-spaced pedals. That same ergonomic sensibility is also present in the location of controls for the HVAC and infotainment systems.

Where the Micra's interior packaging begins to come unstuck is the second row. Rear leg room is miserly compared with the VW Polo's, but it is the shortage of head room that proved most troublesome for our road testers. Measured at 860mm, it is some 90mm less generous than what you'll experience in the Polo. We

can accept that the occasions where taller adults find themselves sitting on the rear bench of a Micra may be few and far between, but the need to bend your neck uncomfortably forward when doing so is a significant ergonomic flaw – supermini or not. Small children will fit just fine, but this oversight undermines what is otherwise a convincingly conceived cabin. As for boot space, the 300-litre capacity is enough to see it outshine the comparatively stingy Ford Fiesta (292 litres). However, with 355 litres apiece, the Seat Ibiza and VW Polo take class honours.

PERFORMANCE



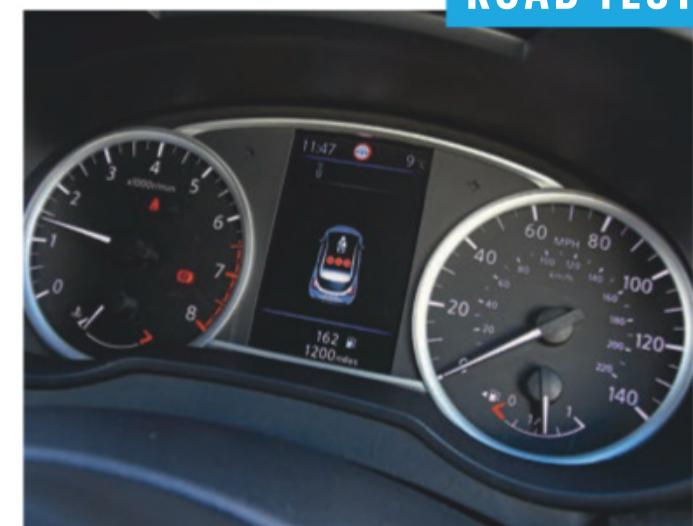
The recipe for a convincing warm hatch can be a tricky one to execute. →



● White air vents and Alcantara dashboard trim are part of the N-Sport performance styling for a cabin with a bit more sense of occasion than you might expect.



● Micra has physical switches, large and obviously placed, for those who'd rather deactivate its engine auto starter/generator and lane keeping system. We like.



● Instruments are one part of the interior untouched by the N-Sport uplift – so no red needles or go-faster fonts. At least the clocks are clear and easily readable.



Multimedia system



The NissanConnect touchscreen infotainment set-up in the updated Micra is all new, adding voice recognition, a customisable home screen and a single-line search function to the previous system's functionality.

It has a 7.0in screen, which is not particularly large compared with what is offered by the likes of Ford, PSA and VW. However, it integrates mirroring for Apple and Android smartphones on all Micra grades above entry level and optionally adopts a navigation system provided by TomTom that offers live traffic information and 'door-to-door' navigation routing by which you can plot a destination before getting in your car via an app. Our test car didn't have the optional nav.

The overall system has slightly less latency than its predecessor, although it remains relatively slow to respond to inputs. Nissan's changes to the menu structure make it easier to hop between CarPlay and the car's proprietary menus, though. Audio quality is adequate but not particularly powerful or crisp.

“
Its dynamic disposition
leans more towards the
grown-up than the playful
”



Just as important as a balanced, responsive chassis is an engine capable of compensating for a lack of outright pace with a sense of bold, effervescent character.

A 123bhp Ecoboost-powered Fiesta or Ibiza with VW Group's 113bhp 1.0 TSI engine are fine examples of how these ingredients can be combined successfully. As well as their strong performance (relative to the wider class), their powerplants foster a good level of driver engagement.

The N-Sport's new 1.0-litre triple doesn't quite lend itself as convincingly to that art. This is an engine missing the whimsical levity of its more popular rivals, and a forgettable soundtrack hardly encourages the driver to let the tachometer spin all the way out to the limiter. That and a resolutely damp throttle response were chief gripes among our testers.

But though there can be a degree

of grumbling and coughing at low crank speeds, and a noticeable amount of lag to overcome, reasonable mid-range performance helps the Micra keep its head just above water. A recorded 30-70mph time of 9.4sec places the Nissan just ahead of the 123bhp Fiesta Titanium (9.6sec) road tested in 2017. The Nissan also exhibited greater in-gear tractability than its major rival – in fourth gear dispatching 30-70mph in 12.4sec versus the Fiesta's 14.8sec.

Less relevant in this context is its 0-60mph effort but, on Millbrook's mile straight, the Micra ran an average time of 10.2sec. Considering it was fuelled to the brim and carrying two testers, that is quick enough for Nissan's claimed 0-62mph time of 9.9sec to be accepted without cynicism. While these runs didn't expose an overt deficiency in traction off the line, it did shine a light on a gearbox that's

a notch too long in throw and woolier than the best manual 'boxes in the class. The Micra's ventilated front discs and rear drums, meanwhile, allowed for controlled, stable deceleration under emergency braking conditions. From 70mph, the Nissan came to a halt in 47.1m, against 54.7m for the Fiesta.

HANDLING AND STABILITY



Nissan's aim with the fifth-generation Micra was to create a car that struck a compelling balance between the rubber-footed rolling composure of the VW Polo and the outright dynamic accomplishment of the Ford Fiesta. With its lowered suspension and reworked steering rack, one might reasonably assume this N-Sport variant in fact leans towards the latter, though if it does then the execution isn't quite as convincing. However, while not as spry or

engaging as a Fiesta ST-Line or Mini 3-door, there's enough handling composure here to ensure the N-Sport doesn't embarrass itself next to its more dynamically gifted classmates. The 205/45 section front tyres grip particularly well when charging into tighter bends, and though there is still a noticeable amount of body roll under cornering, the firmer, lower suspension ensures any weight transfer is delivered in a controlled, predictable fashion that doesn't upset the Micra's inherent stability. That said, the additional firmness enabling this level of composure does make the Micra marginally more susceptible to deflections mid-corner, but there's still enough pliancy here to ensure the worst of the shock is dissipated.

Where the standard Micra's helm requires three full turns to travel from lock to lock, the N-Sport's tuned rack cuts this down to 2.8. This allows the N-Sport to change direction with



● Though less rewarding than a Fiesta engine, the Micra's new 115bhp 1.0-litre DIG-T three-pot enabled our road test subject to post better mid-range performance figures.

Track notes

The Micra N-Sport made more of a show of its warmed-up supermini identity when it was confronted with the twisting Tarmac of the Millbrook Hill Route.

Its chassis exhibited a willingness to be tipped into sharper bends at pace, feeling at all times balanced, controlled and steadfast under a measured throttle and consistent steering input. Charge in too fast, though, and it will begin to understeer, but a mid-corner lift of the accelerator will unsettle its rear enough to tighten the line.

It's a shade disappointing to find that the Micra doesn't feel particularly playful with regards to its dynamic exploits, but there will be those for whom its grown-up, mature disposition carries sway.

An engine with a bit more vigour would go some way to addressing this shortcoming. As it stands, the N-Sport's 1.0-litre three-pot struggled with some of the Hill Route's steeper ascents.

● Big compression after T4 is ironed out with reassuring confidence.

● Body roll is most noticeable through the T2 hairpin, but it loads up its outside tyres in a controlled manner.

T4

T3

T6

T1

T2

FINISH

START

● Powerful jolts caused by the transmission bumps leading up to T1 cause noticeable kickback through steering column.

● The climb after T5 really tests the Micra's three-pot, particularly if you don't get your exit quite right.

a convincing sense of agility, but then again a lack of nimbleness wasn't something we ever criticised the fifth-generation Micra for when we road tested it in 2017. A Fiesta's steering set-up delivers a more natural weighting and a turn-in that feels a degree more incisive, but the Micra's gearing is at least commendable for its linearity and weight – if not its ability to relay information from contact patch to fingertips. The result is a supermini that's reasonably tidy-handling; but its dynamic disposition leans more towards the grown-up than the playful. Ultimately, it's the Fiesta that remains the sweeter, more enjoyable steer.

COMFORT AND ISOLATION



While a VW Polo is undoubtedly a more settled and composed supermini, the fitment of sports suspension and 17in alloys hasn't

crippled the N-Sport's town ride. Poorer patches of Tarmac unearth a pronounced sense of fidgeting, but the car's secondary ride stacks up favourably against its more athletically inclined classmates. A Mini 1499 GT is more agitated in such environments, while the heavy-handed severity of the way in which the Toyota Yaris GR Sport interacts with the road surface makes the Nissan feel cloud-like by comparison.

The Micra's sterner temperament mellows out on the open road, too. The controlled, restrained nature in which its chassis was able to breathe with undulating road surfaces imbued the little Nissan with a welcome sense of maturity.

The N-Sport doesn't exactly shine as a beacon of outstanding refinement and isolation, however. A suspicion that this engine is more vocal than desirable was confirmed by our testing microphone: at idle,

the rough-edged three-pot gave a reading of 45dB. By comparison, the Seat Ibiza's 94bhp 1.0 TSI unit came in at 42dB, while in the Fiesta, Ford's 123bhp 1.0-litre Ecoboost was measured at a saintly 41dB. The effect of the Micra's poorer sound-deadening was less pronounced at a steady 70mph cruise, where ambient road and wind noise was recorded at 71dB. The Ibiza returned a 69dB figure, while the Fiesta managed 70dB – although it's necessary to point out that both of these cars were running on smaller-diameter wheels.

BUYING AND OWNING



In basic Visia trim and with the entry-level 70bhp petrol engine, the Micra costs £12,875. By comparison, this top-spec N-Sport model, equipped with the most powerful engine in the range, will set you back £19,005. This somewhat alters the Micra

proposition in terms of value for money, not least because the Ford Fiesta ST – the finest supermini hot hatch on sale – costs roughly the same, albeit with less standard kit. N-Sport Micras come with such niceties as cruise control, automatic high-beams, DAB radio, rear parking sensors and a rear-view camera, though there's no escaping the fact that this model, along with other better-equipped Micras, is simply too expensive given the muted driving experience on offer. That the Nissan is also predicted to hold its value less well than many of its rivals – including the Seat Ibiza FR – makes it particularly difficult to recommend.

But if you do like the sound of an N-Sport, and can find a tempting PCP deal, the running costs bring better news. Our test touring economy of 55mpg is competitive in the class, and a 41-litre fuel tank suffices for a range of more than 300 miles. ↗

ACCELERATION

Nissan Micra DIG-T 117 N-Sport (9deg C, dry)

Standing quarter mile 17.5sec at 80.3mph, standing km 31.9sec at 103.7mph, 30-70mph 9.4sec, 30-70mph in fourth 12.4sec



Ford Fiesta 1.0 Ecoboost 125PS Titanium (24deg C, dry)

Standing quarter mile 17.4sec at 82.6mph, standing km 31.8sec at 104.9mph, 30-70mph 9.6sec, 30-70mph in fourth 14.8sec

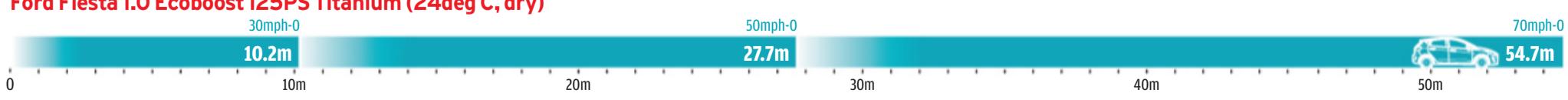


BRAKING 60-0mph: 3.2sec

Nissan Micra DIG-T 117 N-Sport (9deg C, dry)



Ford Fiesta 1.0 Ecoboost 125PS Titanium (24deg C, dry)



Data log

NISSAN MICRA DIG-T

117 N-SPORT

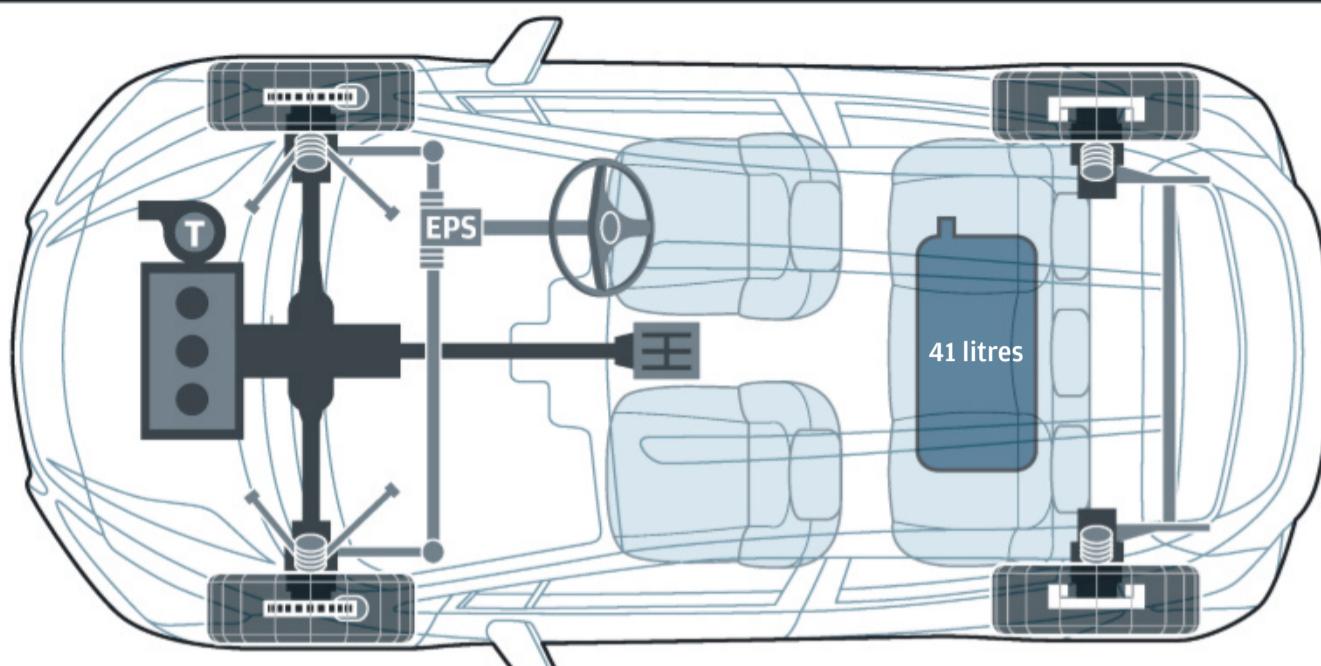
On-the-road price	£19,005
Price as tested	£19,580
Value after 3yrs/36k miles	£6950
Contract hire pcm	£330.72
Cost per mile	na
Insurance	na

TYPICAL PCP QUOTE

Three years/36,000 miles	£176.55
You can put a 115bhp N-Sport on your drive for less than £180 per month. That's with a £5000 deposit and a contribution of £1900 from Nissan. Optional final payment will amount to £7210.	
Representative APR, meanwhile, is 4.99%.	

EQUIPMENT CHECKLIST

17in alloy wheels	■
Black and Carbon-look Exterior Pack	■
Halogen headlights	■
LED daytime running lights	■
N-Sport badging	■
Rear privacy glass	■
Roof spoiler	■
Exhaust pipe finisher	■
Lowered suspension	■
Part-leather/Alcantara upholstery	■
Cruise control	■
Manual air-conditioning	■
Nissan Intelligent Key	■
Rain-sensing wipers	■
Split-folding rear seats (60:40)	■
Rear parking camera	■
Rear parking sensors	■
Four-speaker audio system	■
7.0in touchscreen infotainment including Apple CarPlay, Android Auto, DAB, Bluetooth, AUX, USB, MP3	■
Echo Grey metallic paint	£575
Options in bold fitted to test car	
■ = Standard na = not available	



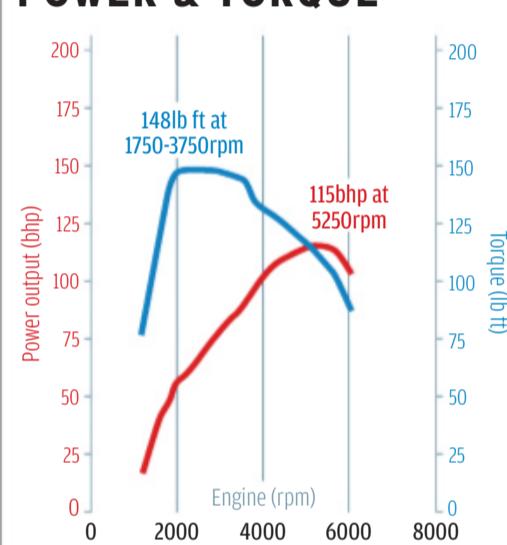
TECHNICAL LAYOUT

Fifth-generation Micra N-Sport is based on Nissan's V platform architecture. A newly developed 1.0-litre three-cylinder engine sits at its nose, and is mounted transversely. Its 115bhp and 148lb ft are deployed through the front wheels, via a six-speed manual transmission. Suspension is by way of MacPherson struts up front and a torsion beam at the rear, while ride height has been dropped by 10mm.

ENGINE

Installation	Front, transverse, front-wheel drive
Type	3 cyls in line, 999cc, turbocharged, petrol
Made of	Aluminium block and head
Bore/stroke	81.3mm/72.2mm
Compression ratio	11.0:1
Valve gear	4 per cyl
Power	115bhp at 5250rpm
Torque	148lb ft at 1750-3750rpm
Redline	6250rpm
Power to weight	104bhp
Torque to weight	134lb ft
Specific output	115bhp per litre

POWER & TORQUE



ECONOMY

TEST MPG	Track	22.0mpg
	Touring	55.0mpg
	Average	33.4mpg
CLAIMED	Low	37.7mpg
	Mid	50.4mpg
	High	56.5mpg
	Extra high	44.8mpg
	Combined	47.9mpg
	Tank size	41 litres
	Test range	301 miles

EMISSIONS & TAX

CO₂ emissions	114g/km (NEDC comb'd)
Tax at 20/40% pcm	£73/£146

CHASSIS & BODY

Construction	Steel monocoque
Weight	1105kg
Drag coefficient	0.32
Wheels	6.5Jx17in
Tyres	205/45 R17, Bridgestone Turanza T005
Spare	Mobility kit

TRANSMISSION

Type	Six-speed manual
Ratios/mph per 1000rpm	
1st 3.73/4.7	2nd 1.95/9.0
3rd 1.32/13.2	
4th 0.98/17.9	5th 0.76/22.9
6th 0.56/31.2	
Final drive ratio	4.125:1

BRAKES

Front	258mm ventilated discs
Rear	203mm drums
Anti-lock	Standard, with brake assist
Handbrake type	Lever
Handbrake location	Left of steering column

ACCELERATION

MPH	TIME (sec)
0-30	3.6
0-40	5.4
0-50	7.2
0-60	10.2
0-70	13.0
0-80	17.1
0-90	22.4
0-100	28.8
0-110	-
0-120	-
0-130	-
0-140	-
0-150	-
0-160	-

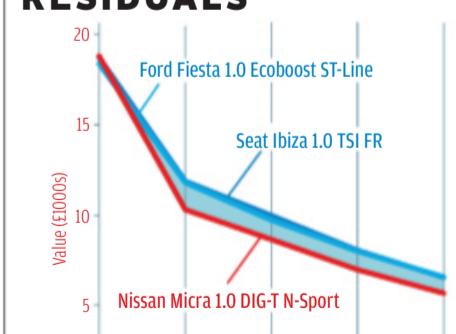
ACCELERATION IN GEAR

mph	2nd	3rd	4th	5th	6th
20-40	3.4	5.0	8.4	-	-
30-50	3.8	4.8	6.1	10.1	25.6
40-60	-	5.0	6.0	9.5	17.9
50-70	-	5.6	6.3	10.5	16.5
60-80	-	8.7	6.9	11.5	-
70-90	-	-	8.4	12.6	-
80-100	-	-	11.4	14.8	-
90-110	-	-	-	-	-
100-120	-	-	-	-	-
120-140	-	-	-	-	-
140-160	-	-	-	-	-
160-180	-	-	-	-	-
180-200	-	-	-	-	-

MAX SPEEDS IN GEAR

29mph	83mph	121mph
6250rpm	6250rpm	5277rpm
1	3	5
2	4	6
56mph	112mph	121mph*
6250rpm	6250rpm	3873rpm
*claimed		
RPM in 6th at 70/80mph = 2241/2561		

RESIDUALS



● Micra's residual value forecast isn't totally disheartening, but it lags behind the Fiesta and Ibiza by a fair margin.

AUTOCAR ROAD TEST No 5415



VERDICT



Sharp-suited supermini falls flat on character and dynamic flair

A perceptible feeling of missed opportunity seems to trail in the Micra N-Sport's wake. The distinctively sporting aesthetic and renewed sense of motive purpose that characterised the fifth-generation Micra at launch suggested there was a genuinely interesting, and entertaining, warmed-up supermini waiting in the wings. Despite the foundation being all but there, the reality is much less convincing.

An engine short on character is arguably its greatest shortcoming; particularly when the Ford Fiesta ST-Line and Seat Ibiza FR so successfully place their charming, zesty motors at the forefront of their driving experiences. At times stilted low-speed manners and unengaging steering, meanwhile, detract from a chassis that otherwise grips with convincing tenacity and has a fairly rounded, if occasionally wooden-feeling, ride.

These concerns, and others, ultimately deny this Micra our full endorsement. It's a frustrating reality: N-Sport should have been an opportunity for Nissan to further elevate its supermini, to give it a compelling new USP. As it stands, however, the argument that this represents a worthy improvement over the regular model is a particularly thin one.

Testers' notes

SIMON DAVIS

From a distance, I thought the 17in alloys fitted to the Micra N-Sport looked pretty snazzy. Closer inspection changed my mind: the faux-carbonfibre inserts really don't work for me.

RICHARD LANE

Having seen what GRMN can do with a Yaris, Nismo should do a clean-sheet Micra. The N-Sport feels half-hearted, but perhaps that's because this chassis simply isn't fluent enough.

Spec advice

Go for the more powerful 115bhp motor under the bonnet of your N-Sport, if you must have one. Its average-at-best performance and response doesn't bode well for the 99bhp unit.

Jobs for the facelift

- Slim down the thick A-pillars, which hamper visibility along city-centre routes.
- Give the N-Sport more supportive seats – ones worthy of the warm-hatch billing.
- Improve the throttle response and engine note for this new DIG-T unit.

ROAD TEST RIVALS

Verdicts on every new car, p90



SEAT IBIZA 1.0 TSI 115 FR
Seat's warmed-up supermini not only champions practicality, it's one of the best driver's cars in the segment. Engine is impressively strong, too.



£18,195

Price

113bhp/129lb ft

Power/torque

9.3sec/121mph

0-62mph/top speed

127-137g/km, 46.3-50.4mpg



FORD FIESTA 1.0T ECOBOOST 125 ST-LINE 5-DR
A more engaging supermini than the Ibiza, but slightly lacking in versatility and premium appeal. Engine is a peach, though.



£18,585

Price

123bhp/125lb ft

Power/torque

9.9sec/121mph

0-62mph/top speed

tbc, 47.9mpg



MINI COOPER SPORT 3-DR
Agile, spry-handling Mini is a champion of urban chic design. Ride is animated, though, and space a bit tight. Pricey in this company.



£20,230

Price

134bhp/170lb ft

Power/torque

8.2sec/129mph

0-62mph/top speed

122-124g/km, 44.1-47.9mpg



MAZDA 2 115 SKYACTIV-G SPORT NAV+
Excellent steering and naturally aspirated engine are the 2's calling cards. Noisy ride a point of concern, as is refinement.



£17,395

Price

113bhp/109lb ft

Power/torque

8.7sec/124mph

0-62mph/top speed

tbc, 48.7mpg



VOLKSWAGEN POLO 1.0 TSI 115 R-LINE
Lacks some of the sense of fun of its rivals, but is well conceived and a mature, practical option. 1.0 engine remains a highlight.



£19,445

Price

113bhp/129lb ft

Power/torque

9.5sec/124mph

0-62mph/top speed

130g/km, 49.3mpg

BUCKET LOAD OF FUN

If driving some of the finest roads in Scotland isn't on your bucket list, perhaps it should be. **Dan Prosser** takes a Hyundai i30 Fastback N on the South West Coastal 300 – and other Autocar writers offer their bucket list ideas

PHOTOGRAPHY OLGUN KORDAL







Elsewhere you'll read about the lochs and the scenery, the star-gazing and the whisky distilleries. You might even see a word or two about the skiing. For us, though, the reasons for visiting Scotland begin and end with its roads, because no other part of the UK gets even close as a destination for keen drivers. What you'll find north of Hadrian's Wall that you don't get in Wales, Yorkshire or the Peak District – all of which offer excellent roads and very pretty backdrops – are bucket list drives. For the sort of route that you drive once and remember for the rest of your life, you simply have to head to Scotland.

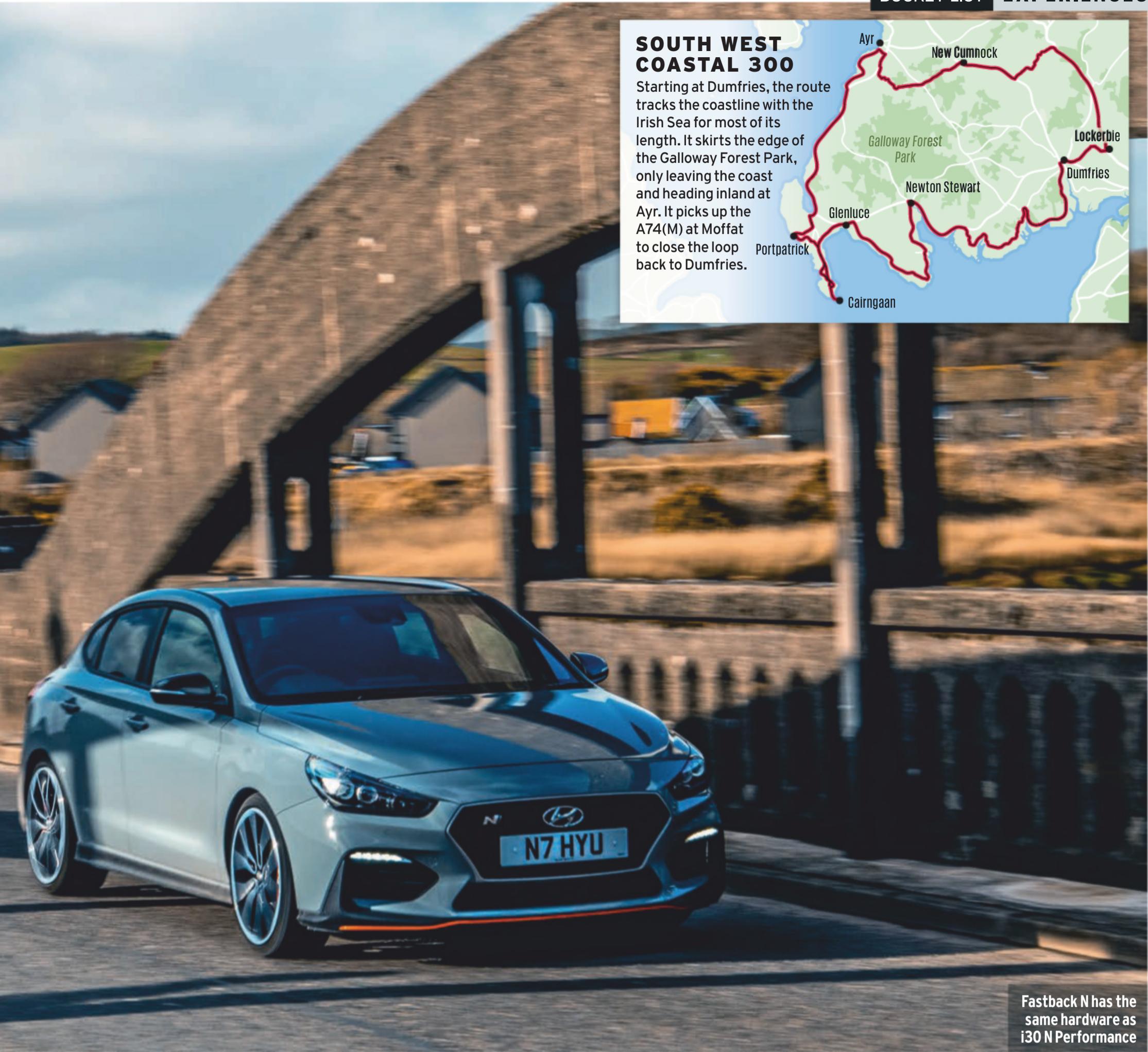
This is the right time of year to plan a visit to one of its routes as well, because the weather is improving and the clocks are going forward, meaning the evenings are lighter. The one you'll have heard about before is the North Coast 500, an utterly spellbinding loop that begins in Inverness and wraps itself around this country's northern tip. It's beautiful, quiet, varied and, unless you happen to live in the north of Scotland, very far away. You won't do the North Coast 500 justice unless you give it an entire working week. But there is a similar route that's both shorter in length and closer to the border with England, that gives away only a little in terms of scenery and nothing at all in terms of the quality of its roads, and that demands from you only half the time. It's called the South West Coastal 300.

It's a new initiative by Visit South West Scotland, intended to drive tourism to Scotland's left foot the way the North Coast 500 has for its forehead. Broadly speaking, it's a lap of Dumfries and Galloway with a quick peek at Ayrshire, sticking for much of its length to the Irish Sea coast. The route itself is a little over 300 miles long, and whether you're coming from the north or the south, you'll want to fill up your fuel tank and stock up on sandwiches at the start line in Dumfries town itself.

The car I've chosen for my first run around the SWC300 is the Hyundai i30 Fastback N, partly because it's new and intriguing, but also because a good hot hatch can be as fun to drive along a great road as anything costing 10 times the price. The Fastback version, with its quasi-coupé profile, should be just the ticket for this journey (which actually began for me not in Dumfries but all the way down in west London),

“
I'm not sure I could have expected much more from a £30,000 hot hatchback
”





SOUTH WEST COASTAL 300

Starting at Dumfries, the route tracks the coastline with the Irish Sea for most of its length. It skirts the edge of the Galloway Forest Park, only leaving the coast and heading inland at Ayr. It picks up the A74(M) at Moffat to close the loop back to Dumfries.

Ayr
New Cumnock
Galloway Forest Park
Newton Stewart
Glenluce
Cairnryan
Lockerbie
Dumfries

Fastback N has the same hardware as i30 N Performance



because although it shares its mechanicals with the regular i30N Performance, its chassis has been retuned with half an eye on comfort. On the long schlep up the M6, the car was relaxing, its ride a touch more settled than that of the model with which it shares its underpinnings.

I haven't driven the route before but I'm familiar with some of the roads in the area, although not the A710 that darts due south out of Dumfries towards Southerness on the coast. It's a long way from being deserted, but threading its way through low-lying hills past hedgerows and drystone walls, it is pretty good to drive. It's an opportunity to get a feel for the i30 Fastback N on something other than a multi-lane highway and a chance

to wake myself up from the dulling effects of a long motorway drive.

When the A710 reaches the coast, you snatch fleeting glimpses of the muddy Solway Firth and the tall peaks of the Lake District beyond it. The road soon turns inland but, at Dalbeattie, you pick up the A711 that sends you immediately back towards the coastline along a road that feels quieter and more remote. The Hyundai has so many possible drive mode configurations that you could own the car for an entire lifetime and never cycle through all of them. Within the N Custom mode, you can set parameters for throttle response, engine sound, damper stiffness, steering weight, ESC intervention and even how aggressive you want the electronic limited-slip differential →

Prosser finds this hot Hyundai capable but not very playful



Evenings are lighter yet roads still quiet at this time of year



I TICKED THIS OFF MY BUCKET LIST

Drive a car at 200mph

All my conscious life I'd wanted to do it, yet when it happened it was almost anticlimactic. It was 2 May 1994, at Bruntingthorpe, and I was in a McLaren F1 prototype. I still have the recording of colleague Gavin Conway laconically calling out the speeds as XP5 gained velocity at a hitherto unimagined rate for a road car. But it was too quick: it got from rest to 200mph in less than 30sec - to the F1, it was just another number on the dial and, on a wide open airfield, even the sensation of

speed wasn't that great. Sorry to disappoint. **ANDREW FRANKEL**



Drive on the Isle of Man

I've spent a reasonable amount of time on the derestricted stretches of Germany's autobahn. But, until three years ago, I'd never experienced the considerably greater thrills of limit-free roads where you drive on the left. The Isle of Man isn't the easiest place to get to, but taking a trio of British sports cars there - a Morgan Plus 8, an Ariel Atom 3.5R and a McLaren P1 - was proper dreams-come-true stuff. Conditions were wet and gloomy but, out of season, the



TT mountain road was quiet and the McLaren predictably epic. I'll almost certainly never travel as quickly on a British public road again. **MIKE DUFF**

Do a US road trip

In 1991, I didn't know or care what a bucket list was. Rather more appealing was a direct flight to San Francisco, hire a car and, after a few days, take off for Las Vegas with the future Mrs Ruppert. That was only part one of the road trip. We got upgraded from a grim Chevrolet to a Buick Century, presumably to



return the rental to a more lucrative outlet. In between was Yosemite National Park, Death Valley and just miles of what still is a huge, almost endless, film set. Even better in that barge-like Buick. **JAMES RUPPERT**

Drive a lap of Iceland

Driving 828 miles in 48 hours may not sound like fun, but when you're doing a lap of Iceland at the wheel of a Mazda MX-5, it's as good as life gets.

Yes, in some respects it was fairly arduous: it was a long way, I'm very tall and the MX-5 very small and the speed limits are low and rigorously enforced.

But none of that mattered because the land of ice and fire is every bit as other-worldly spectacular as the tourist brochures make out, from

Irish Sea crashes to its white, frothy limit along this coast

“
The next morning dawns bright and sunny and I realise how pretty this old fishing village is
”



← to be. But for now, I'm just switching between Normal when I reach a town and Sport when I leave it.

The car is quick, grippy and secure. It's competent, but almost oppressively so. As I roll into Kirkcudbright, I'm left wondering where the drama is; where the excitement might come from. The SWC300 soon picks up the A75, which trudges along with commuter traffic and artics on their way to west Scotland's busy ports. I sit in convoy with them for a short while but, just before reaching Newton Stewart, I decide to deviate from the route for the first time, turning right onto the A712. I know from a couple of days spent up here three years ago that this road is one of the very best in all of Scotland and therefore the entire British Isles, and that driving right past one end of it would be a terrible waste, like walking up to the front door of the Sistine Chapel but not bothering to peek inside. It spears into the heart of the Galloway Forest Park, a 300-square-mile reserve that's about as beautiful as any part of Scotland outside of the Highlands.

It draws visitors at night for its unpolluted view of the stars (the area is the UK's sole 'dark sky park', one of only four in the western world, owing to its remoteness), but during the day, I can think of nothing better to do within it than drive back and forth along the A712. At points, it jinks and flicks like a Corsican rally stage, and at others, it flows and sweeps gracefully. The surface is mostly pretty smooth and the road is blissfully quiet.

The i30 Fastback N is a transparent car when driven at pace, so you're never left guessing where its limits are. But it feels a lot like the i30 N hatch; so pigheadedly sure-footed and stable at the limit that you'd have to be blindfolded to misjudge a corner. Mostly, that's a good thing but it also means the Hyundai offers only a little of the challenge and reward of the most thrilling hot hatches. →



the rolling mountains, steaming volcanoes and black sand beaches through to the hot lagoons and iceberg-filled estuaries.

I'm going back with the family this year – but this time we're taking a week over it. **JIM HOLDER**

Mini hunting in Chile
Ever since I found a 1972 British Leyland corporate brochure picturing Chilean-made glassfibre-bodied Minis, I'd been intrigued. Decades later,

in 2011, I set out to find the factory that made these curios, in a Mini Countryman. We drove from Santiago, in the centre of this long, thin country, to Arica, close to the Peruvian border, where the factory was. Great moments included driving through the Atacama desert, finding an original glassfibre Mini and randomly discovering that the father of the porter at our Arica hotel had worked at the plant. He took us to two sites, one flattened, the other containing some original buildings and now a university. **RICHARD BREMNER**



Drive a hillclimb in a Caterham
It was the perfect day: a Caterham R300, a helmet and driving overalls on the passenger seat. Lovely weather and an entry for Shelsley Walsh hillclimb. Wife off with her mates so no one to worry about (getting bored). I can't remember how well I did – average probably – but I didn't bend the car. On the way home, I stopped at a lovely village pub and had a pie and a pint.

I thought at the time that it doesn't get much better and I think the same now.
COLIN GOODWIN

Own my dream car
When I was a kid, I wanted a Caterham more than any other car, apart from a Ferrari F40, maybe. But I figured I'd probably never afford one of those. A Caterham, though, seemed doable. "By the time I'm 25," I thought, "I'll have one." So I did. Just. By borrowing almost my annual salary. I bought a stripped-out ex-race car with a 2.0-litre Vauxhall red-top engine making 200bhp-ish, straight-cut gearbox, limited-slip differential and 13in Minilite wheels. And it was great. I used it, loved it, looked after it and later sold it for what I paid for it. One of the best things I've done with cars. **MATT PRIOR**

"Excellent personalised service from start to finish"



"I would highly recommend Brotherwood to anyone thinking of buying a WAV"



"The service from Brotherwood was second to none!"



NEW
FOR 2019

The New Face of Big Space.



The Brotherwood® C'ARETE

2019 Ford Tourneo Connect WAV



Home Demonstrations



Nationwide Support



Made in Great Britain

Flat, level, lowered floor with **59" internal headroom** +

Up to 4 seats plus inclusive wheelchair location +

Short, lightweight, counterbalanced rear access ramp +

Self-tensioning rear restraint system for effortless loading +



BROTHERWOOD®

ENGINEERING TO ENABLE

The UK's Wheelchair Accessible Vehicle Specialists

To request a brochure pack or arrange a **FREE**, no-obligation home demonstration

freephone **0808 301 5355**

or visit us online at Brotherwood.com

← The 271bhp turbocharged 2.0-litre engine is strong and effective but, like the chassis, it seems to lack a little sparkle. At the choppy Clatteringshaws loch, I turn around and run the road in the other direction, eventually picking up the SWC300 once more.

My plan for the evening had been to make it to the Mull of Galloway Lighthouse on the southern tip of the Rhins of Galloway, a hammer-head peninsula draped in arable fields, in time for sunset, but with cloudy skies obscuring a weak sun, there's not even a hint of colour overhead. So instead, I turn in for the night at my hotel in Portpatrick.

It's not until the next morning, which dawns bright and sunny, that I realise how pretty this old fishing village is. I don't stay long, though, choosing instead to dash over to Stranraer and pick up the SWC300. Like the A75 before it, the A77 is a busy arterial route, so I settle into a cruise and watch the scenery morph around us. Once out of Stranraer, the road climbs up above the Irish Sea, which crashes into whiteness on the rocks out to your left. There are moments when the A77 looks a little like the Pacific Coast Highway, albeit →



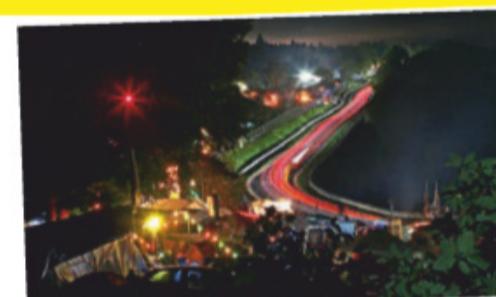
The i30 Fastback N is unfazed by being given an early bath

10 MOTORSPORT EVENTS FOR YOUR BUCKET LIST

When it comes to motorsport around the world, aim high – and go long. Or not, in the case of the last of our 10 top tips for must-see events...

Monte Carlo Rally

The Monte always seems on the edge of chaos, due to both the frequent risk of sudden snow or ice and the willingness of organisers to shake up the event format and stages on a regular basis. Still, if their capricious whims lead to the inclusion of the Col de Turini at night, that's where you should head. Join the throng in the dark, listen for the engine notes and marvel as some of the world's best drivers flash past in a blaze of spotlights and engine roar. **JA**



Nürburgring 24 Hours

No, it's not just a car maker's playground. The sight of more than 200 thoroughbred GTs, supercars and the odd Seat Leon rolling into action for the 'other' 24-hour classic in June is unforgettable. As darkness falls, head out into the woods, on a mountain bike preferably (14-plus miles takes some exploring). But beware: the booze-fuelled campsites are just as hairy (in both senses) as the legend dictates. **DS**

Spa 6 Hours

There are two to choose from: the modern World Endurance Championship race in May and the historic event in September. Both offer perfect opportunities to explore one of the world's last great 'old-school' race circuits. Latest-generation sports prototypes and GTs are spectacular, but if old racing cars are your thing, the historic 6 Hours increasingly outstrips the Goodwood Revival for pleasure. **DS**

Bathurst 1000

Bathurst is a race of contrasts: it's an endurance event featuring no-nonsense hard-battling touring cars on a circuit that has a fast lower

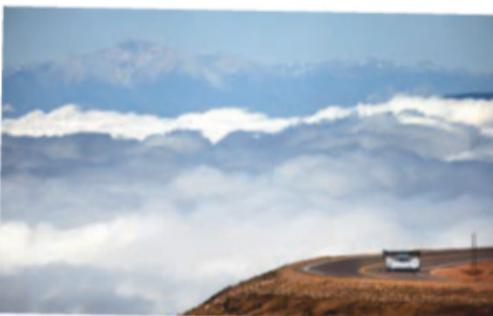
section and a crazily tight and twisty mountain section. To get the authentic experience, head up the mountain for an up-close view of the big, brash, spectacular 5.0-litre V8 supercars – and the big, brash, spectacular Aussie fans. **JA**

Macau Grand Prix

A crash-bang-wallop feast of Far East street circuit action in November, featuring the renowned Formula 3 grand prix, GTs, the World Touring Car Cup – and even motorcycling, the bravest of the crazy. About half the circuit is frighteningly, dangerously flat out (just ask Sophia Flörsch) and the other half is single-file and almost three-point-turn tight (at the Melco hairpin). But the wild racing is nothing compared with the night-life. Apparently. **DS**

Pikes Peak

The Pikes Peak International Hillclimb is a hardcore spectator event. There's only one road up the mountain and that's the one the competitors race up – so spectators have to be up before the road closes at 0630hr and can't come down until all the cars have finished. Oh, and at up to 14,115ft above sea level, altitude sickness is a distinct possibility. Worth the



hassle? Absolutely. The scenery is stunning and watching competitors attack the world's toughest hillclimb is mind-blowing. **JA**

Indianapolis 500

Buy a grandstand seat high up in Turn 1 and be prepared to recalibrate your brain. How Indycars turn left at 230mph without the hint of a lift is something you have to see. The scale of The Brickyard, especially packed out on Memorial Day in May, fits the stereotype of everything being bigger in America. But the Indy 500 is one occasion that actually exceeds its hype. **DS**

Le Mans 24 Hours

The greatest motor race in the world? All things considered, yep – that still fits. The 8.4-mile circuit has been sanitised in recent years – but only a bit. Midnight at the fast Tertre Rouge right-hander or up on the bank on the outside of the Esses can lead to a dangerously heightened sense of bliss (if it's not raining). Take a tent and plenty of waterproofs. And forget about sleep for the weekend. **DS**

British Grand Prix

Yes, really. Home is where the heart is when it comes to Formula 1 – and for spectators, Silverstone is one of the best places to see grand prix cars at their best. The atmosphere is electric (even when it rains) and the race is usually eventful. There's also the risk that it might be on the endangered list – genuinely. If you've never been, go this year – just in case. **DS**



Daytona 500

The Great American Race lives up to its hype from the moment the oh-so-American pre-race pageantry kicks off. (Think big flags, military fly-pasts and spirited invocations.) Thankfully, the race itself maintains that spectacle, with 40 brightly coloured stock cars locked in close quarter. The use of engine restrictor plates to keep speeds down leads to intense pack racing, inevitable late-race drama and, frequently, plenty of crashes. Shake and bake. **JA**

← greyer and chillier, with a whiff of battered food in the air and far fewer rented Ford Mustang convertibles.

It's at Ayr that the SWC300 turns inland to find its way back to its starting point. The roads soon become as brilliant as you'll find anywhere, sometimes twisting beneath overhanging trees, at other times roaring across wide open farmland and occasionally arcing through high-sided valleys covered in rusty bracken. The sections either side of Wanlockhead, Scotland's highest village, are a delight to drive, challenging, rewarding and picturesque in equal measure.

On these final stretches, I press the Hyundai's N button for the first time. In the i30 N hatch, this would make the suspension so unbearably stiff that you'd try it once and never again, but in the Fastback it's actually usable on the road, or at least on the smoother sections. It's firm and



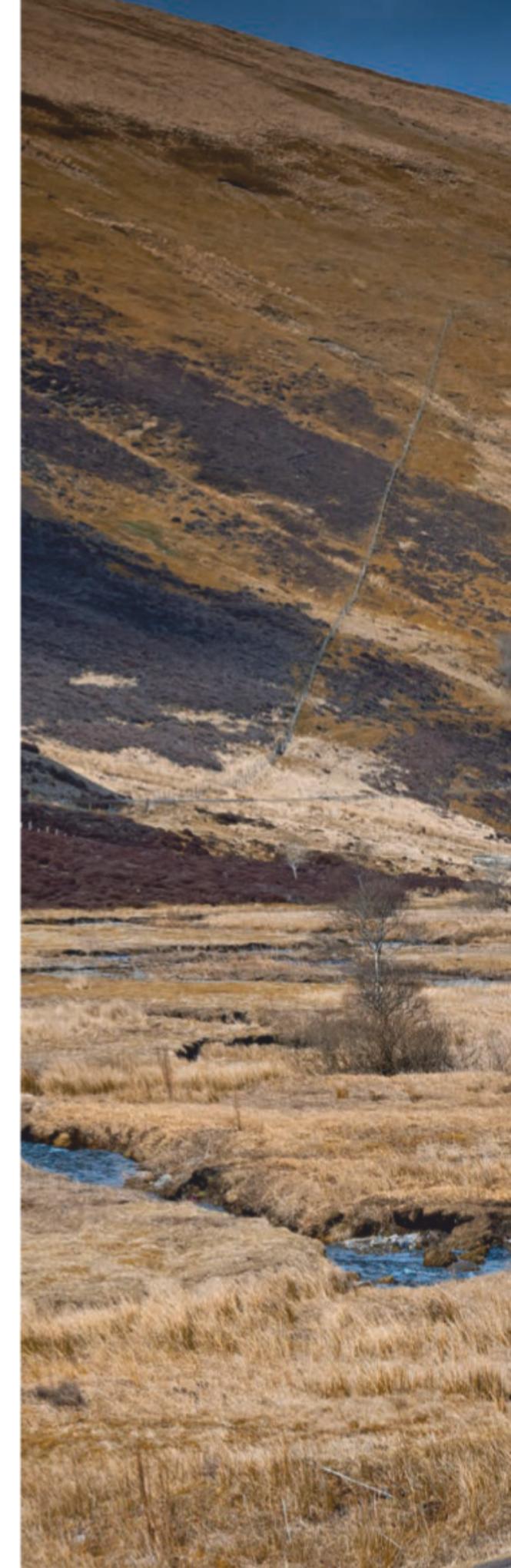
tough, but whereas the i30 N hatch threatens to bounce you into a nearby field in that mode, the Fastback never does. The exhaust suddenly finds its voice and the steering becomes more incisive, the limited-slip diff tugging

you more forcefully out of corners. In N mode, the car comes to life and feels far more energetic than it ever does in its Sport setting.

Nonetheless, in terms of sheer excitement along a rollicking B-road, the Hyundai still gives something away to rivals from Renault and Honda. It remains belligerently locked down, rather than being in any way adjustable or playful. But for the entire journey, the full 1000-mile loop from London and back again? I'm not sure I could have expected much more from a £30,000 hot hatch.

Inevitably, though, it's the route that steals the show. It doesn't have the majesty of the North Coast 500 and its scenery isn't quite as awe-inspiring. But its roads are just as good to drive and you can do the whole thing with a single overnight stay, like I did. The South West Coastal 300 shouldn't only be on your bucket list: it should be ticked off it as well. **A**

You can lean on it hard in bends and it will remain faithful



IT'S STILL ON MY BUCKET LIST



Drive from Cairo to Cape Town

If I could do one transcontinental drive, this would be it. I'd like to do it in a new Land Rover Defender because there'd be no better way of proving it was worthy of the name. I'd like to break the record - held by a Fiat Panda last time I heard - but not to linger a little would be a shame. Although I have no connection to the continent save being married to someone who

grew up there, there is nowhere I am happier or, weirdly, feel more at home than sub-Saharan Africa. Plans? None. But if Land Rover were planning such a trip, I can confirm my availability. **ANDREW FRANKEL**

Drive across America

The cliché alarm might be jangling, but I've always wanted to drive all the way across the US in one trip. I don't want to try to beat the record - an improbable 28 hours and 50 minutes from New

York to LA - but rather take a leisurely route that I pretty much make up as I go along and one that would be chosen to take in the more interesting roads of Montana and the Pacific Northwest instead of the normal straight shot. The ideal vehicle would be something big, American and dumb: I've toyed with buying a decommissioned police-spec Crown Victoria. **MIKE DUFF**

Buy a BSA Bantam

In 1974, my brother-in-law Jimmy Smart gave me his BSA Bantam. It was a Bitza, D1 frame, with a 150cc D3 engine. It was tired and the last tax disc said May 1972 after he rode home from work and chucked a tarpaulin over it. Jimmy died of cancer two years later and I lost heart in the restoration and then discovered girls and cars. I have

got it to a stage where it only needs oily engine bits. Finding them has been difficult and I have even toyed with the idea of turning it into a battery-electric Bantam. Help. **JAMES RUPPERT**

Master off-roading

Every now and then, there's a chance to do some spectacular off-roading as part of a new car launch, but no matter how butt-clenching the challenge, you always know that they wouldn't be asking you to drive through the river lapping over the bonnet if there was the remotest risk of it going wrong.

I'd love to buy something cheap and cheerful (an old Suzuki Jimny, perhaps) and spend a weekend with some committed amateur green-laners on unfamiliar roads, protected by their expertise but with a dose of jeopardy



On such roads, a hot hatch can be more fun than a supercar

“
This road is one of the best in Scotland and therefore the British Isles
”



thrown in. Research suggests spare time is my only enemy, as joining an appropriate car club looks no harder than a swift internet search and signing a very small cheque. **JIM HOLDER**

Import a US classic

Buying a classic car in the US and driving it to the east coast for shipping: it's a bit of a cliché, and I've half done it already, buying a Chevrolet Corvair in Montana and dragging it to Newark. The difference is that I'd like to drive

the next acquisition rather than towing it (the 'Vair wasn't quite fit enough), and this time, I want V8 power, wrapped in one of GM's most dramatic shapes. The '68 Corvette C3 tends to be overlooked these days, being long-lived, degraded and familiar. But early chrome-bumper versions look great and, allegedly, drive spectacularly with the rare 370bhp LT-1 small block. One day, I aim to find out. **RICHARD BREMNER**

Drive a Bugatti Veyron
Surprisingly, for someone who considers supercars (let alone hypercars) a waste of time and only of great use to people with self-confidence issues, I would very much like to drive a Bugatti Veyron. I was never offered, or tried to arrange for myself, a drive in the Veyron when it



was launched. I'd like a go in one now because I'm curious. I've heard so much about the car that I do feel that I've missed out by not driving one. If you own one and are willing to risk it, you know how to find me. **COLIN GOODWIN**

Restore a car

I've done a little bit of welding, a little bit of painting, a little bit of trimming and a little bit of mechanical tinkering. But I've never done any of them

particularly well and, crucially, I've never done them together. It's still, though, right up my list of things to do with cars, and I don't think I'll be satisfied until I've taken an absolute barn-find snorter and restored it back to its former glory. Maybe not to concours or factory condition, but to absolutely as I want it. I've almost got space, equipment and skills. One day, it'll all fall into place. **MATT PRIOR**



IN THE PURSUIT OF SEVEN HEAVEN

Jonathan Palmer loves the Caterham Seven so much, he's developed his own (again). Matt Prior joins him in a quest for handling perfection

PHOTOGRAPHY OLGUN KORDAL



A car maker would call it an abuse test. Every March, PalmerSport's doors open for drive events at Bedford Autodrome. People come, they thrash cars around for the day, encouraged to drive as fast as they can by Jonathan Palmer's race instructors, and go home, happy and knackered.

By the end of each year, 12,000 people have taken part, with each of Palmer's track cars covering 25,000-30,000 miles – the equivalent of seven racing seasons. They might spend 60% of their time at full throttle and, when they're not, it's full braking or full cornering with varying levels of driving finesse.

At the heart of it all – in a fleet made up from BMW M2 Competitions, Renault Clio Cup cars, Formula 3000 single-seaters, JP-LM open-topped sports-prototype-alikes and evergreen Land Rover Defenders – are Caterham Sevens.

Palmer has used Sevens for virtually all of PalmerSport's 27 years. "We used to run them at Bruntingthorpe [the proving ground/airfield where PalmerSport began]," says the boss, Jonathan Palmer. "Then when we came to Bedford, we designed each circuit around a particular type of car. The East Circuit is the tricky, sinuous one, which was designed for a Caterham."

Partly as a result, Caterhams consistently top the customer satisfaction survey every PalmerSport customer is asked to complete. "The Caterham is fun. You can push it, you can slide it. That concept – front engine, rear-wheel drive – it's unbeatable really," says Palmer.

Having tried a few different variants over the decades, this year Palmer wanted a Seven specifically designed to let people jump in and get the best out of it and Bedford's East Circuit.

To spec it, Palmer largely "told Caterham what we want", and PalmerSport built the cars, including installing an instructor's second brake pedal (with the ability to kick the brakes off as well as on) and a comprehensive roll cage that allows easier access than a full race cage.

The car is the SV wide-bodied Seven, because clients are of all sizes and "you've got to fit them, in a minute. You can't spend five minutes trying to get comfortable."

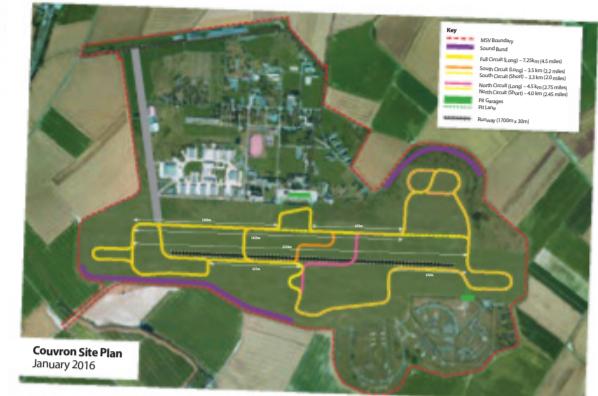
At the heart of it is an engine and transmission of a spec not normally offered in a Caterham, a 2.5-litre Ford Duratec driving through a Sadev six-speed sequential gearbox, pneumatically operated by steering wheel paddles so drivers new to the car can forget about the clutch and gearlever once they're rolling.

The 2.5, used in Ford SUVs overseas, is a version of the 2.0-litre engine fitted to cars (including Caterhams) in Europe, just stroked for more torque, which means it's the same external size as the smaller capacity unit.

PalmerSport removes the surprisingly heavy counter-rotating balance shafts, lightens the flywheel and fits a dry sump. It runs, like most PalmerSport cars, on liquid petroleum gas (LPG), with a Vialle system injecting fuel as a liquid, rather than, as is more usual, a gas, so the



PALMER'S FRENCH FANCY



“The Caterham is fun. You can push it, you can slide it”



There are various tyres, ride heights, springs, geometries and anti-roll bar settings to work through and Palmer goes about it with the kind of rigour for which the place – and the man himself – is renowned. At nearly £1000, PalmerSport's days are expensive, but known as the best in the business.

At the start, the car's in a fairly standard set-up. It's weighed at 641kg, on Academy race dampers with a standard ride height, and running 15in rims, with no front but a stiff rear anti-roll bar. There are some videos of the new Seven on Palmer's website and, I suspect, they were shot with it in this form, because it looks hilariously oversteery. Sure enough, the car wants to swap ends as soon as you look at the steering wheel and body movements are too noticeable.

A change of tyre makes it more drivable, but the quickest and most progressive is Nankang's AR-1 track

day tyre, though it feels like the tyres have too much performance for the chassis' relatively soft set-up.

The ensuing mechanical tweaks make a bigger difference; the car is lowered, and race dampers and firmer springs are fitted. Palmer's engineers clearly have an idea of where they think the car will go with these changes, but it's gratifying that Palmer and I both prefer the set-up as they work through the iterations.

The car gets both faster and more predictable, but no less playful, and in the end, lowered with roll bars disconnected, is possibly the best Caterham I've ever driven. The engine's broad powerband means you're never left out of the rev-range, and the gearbox and its calibration are superb, letting you concentrate entirely on the handling. One final tweak reduces castor, and therefore steering weight, with no notable loss in steering feel.

The result is a really wonderful Caterham. The only time I might have had more fun in one was in a Supersport around the Rye House kart track. But this is, objectively and subjectively, better set up.

“Ultimately, we want the sort of set-up that, if you said ‘do you want to go and do 20 laps’, you'd just jump in and go,” says Palmer. Between us, we complete 104 laps. And I can't think of a time when I wouldn't want another 20. □



Set-up tweaks delivered near-perfect handling

air-fuel temperature is lower and power therefore higher.

Its output is 200bhp but, more importantly, “we want a responsive engine that's torquey”, says Palmer. That the Duratec is naturally aspirated and relatively low revving, to about 6200rpm, is key.

Turbo lag or an engine that doesn't come alive until 6000rpm is “irritating enough on the road,” says Palmer, “but put it on a twisty little circuit and it kills the enjoyment.”

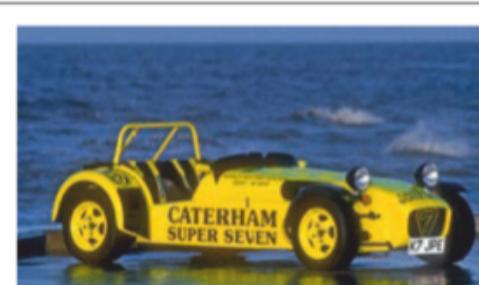
It's mid-February and PalmerSport is in the midst of tuning the car's handling for the circuit. And that's where Autocar comes in.

We've been invited for a drive and to be the enthusiastic amateurs, to say what we think of the car's handling while it's being tweaked. Palmer and I will swap in and out of the car during the day, and his engineers and technicians will change the set-up.



CATERHAM SEVEN HPC (1987)

The 1.7-litre Cosworth BDR engine made a fulsome 170bhp and enough speed for Caterham to recommend 'High Performance Course' driving tuition for buyers – hence the name. Though you could find and install the same engine in a Seven yourself, and effectively have the same thing.



CATERHAM SEVEN JPE (1992)

Today's car isn't the first Caterham Jonathan Palmer has put his name to. In 1992, the JPE (Jonathan Palmer Evolution) had a 250bhp red-top Vauxhall engine and, in the hands of former grand prix driver Palmer, set a new 0-60mph record for a production car, at 3.44sec.



CATERHAM SUPERSPORT (2012)

Arguably the sweetest-handling of all modern Sevens, with a 140bhp 1.6-litre Ford engine giving just the right amount of power for the 14in tyres. Autocar ran a long-terminer and it remains one of the fondest-remembered cars in these parts.

THREE OTHER CATERHAM HIGH SPOTS



CATERHAM SUPERSPORT (2012)

Arguably the sweetest-handling of all modern Sevens, with a 140bhp 1.6-litre Ford engine giving just the right amount of power for the 14in tyres. Autocar ran a long-terminer and it remains one of the fondest-remembered cars in these parts.

RHAPSODY IN BLUE

On first acquaintance, Andrew Frankel thought the Alpine A110 car of the year. Three months driving it revealed something altogether more seminal

PHOTOGRAPHY OLGUN KORDAL





Do you know when an Alpine A110 is at its absolute best? When you drive it 'normally'.

In the three months that it was mine, I threw it along mountain passes and around race tracks. I thrashed its little 1.8-litre motor to the limiter more times than I'd care to admit, and broke the traction of its rear tyres at every available safe opportunity. But never was I more dumbstruck by the car than when, say, taking it to the airport, or collecting a child from school. Because in those sorts of environments, it shouldn't have worked at all. Yet it did.

And that is remarkable. Imagine you had another one-tonne, two-seat sports car in the same situation: you'd go down the M4 simply accepting that the lack of refinement, stiff ride, crude interior and clunky functionality were merely the price that needed to be paid to drive a car so light and enjoyable on the right road. But the Alpine is quiet, it is comfortable, it is very nicely trimmed and works nearly as well as a Mégane most of the time. There is no quid pro quo. Which is why now, more than ever, I think the A110 is not just a fine new car but a landmark. I use the word carefully because in the sports car world they don't come along very often: the McLaren F1, the original Audi Quattro, Ferrari's Dino 246 GT and, of course, the first Porsche 911. Can the A110 really be considered among such cars? I think it not only can, but if the scale of the achievement that created it is to be appreciated, I think it must. When I first drove it, I thought it the best car I'd driven all year, but it took prolonged exposure for me to be sure it was not just an exceptionally good car, but a profoundly important one too. And I'll get back to that point at the end.

For now, however, consider where it came from, which is effectively nowhere. It was the product of an abortive joint venture with Caterham (I wonder how much that particular separation is now regretted on this side of the Channel), using hot Mégane running gear. Unlike the Alfa Romeo 4C that is its closest rival, it doesn't have a carbonfibre tub, but a rather less sexy aluminium monocoque. It's not very powerful (252bhp), it doesn't put much rubber on the road and the tyres it wears are pure street specification. On paper, it looked unremarkable.

And, to me at least, in the flesh too. It's a pretty shape to be sure, but when they parked it next to an original 1960s A110, it suffered so much by comparison, I wondered why they'd bothered: 'Here's one we did earlier, just rather better...'

But then I drove it, contributing to the wave of purple praise on which the little French sports car came surfing into shore. That much we all know. But it's all very well for people like me to drive cars like this on roads carefully chosen by its maker. →



MidlandCredit.co.uk

Getting the Nation Driving

NEED CAR FINANCE?

BUY ANY CAR from any DEALER



**FAST DECISION
WITHIN 1 HOUR** ✓ **NO DEPOSIT** ✓

POOR CREDIT ✓ **NO FEES** ✓

26.9% APR REPRESENTATIVE



THE UK'S
**MOST
TRUSTED**
CAR FINANCE BROKER*



**FINANCE FROM
£3,000 to £50,000**

NO ADMIN FEES

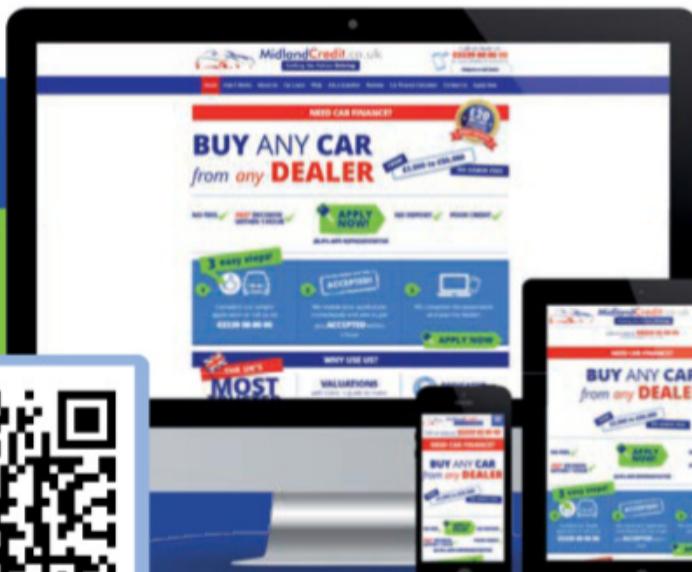


APPLY ONLINE NOW!

www.midlandcredit.co.uk



**Or Call us NOW on
03339 00 00 00**



Midland Credit Ltd is a licensed credit broker and not a Lender and is authorised and regulated by the Financial Conduct Authority for consumer credit
FCA no. 732202. 26.9% Apr representative written quotations available upon request, the rate you will be offered will depend upon your personal circumstances



“
No modern sports car imparts more confidence than this
”

But what about real life? I can now shine at least a little light onto that no-less-important dimension.

To be honest, it is an everyday car but not a perfect one. Its design flaws include minimal storage space on board, a small boot at the back and a storage area up front so flat it would be great for someone starting a small record collection, but not much else. The digital radio reception is the worst I've heard in a car so equipped – probably because there is so little steel in the structure to conduct the signal – and the navigation sufficiently poor that one of my earlier moves was to buy a bracket to sucker my telephone to the front quarter light. The sports seats in this car are very supportive on

a track, but I've had enough of them after a couple of hours on the road. Were I buying one, I'd choose the standard chairs. You can't use sport mode with its crisp throttle response and cruise control at the same time – not a big flaw I grant, but occasionally annoying – and sometimes when you select manual mode in sport, it upshifts by itself anyway.

It also failed to proceed on me twice. One morning I found it completely dead, the driver's door window slightly lowered. It ignored my weedy lithium ion external starter battery and when I hooked up my battery charger, it killed it stone dead. Someone from

Renault came with an industrial starter pack and it fired up just fine, and it was returned to me in perfect order having been thoroughly checked out – I had apparently left an interior light on. Well, I may or may not have been guilty that time, but I really don't think I was when it did exactly the same on the day before it was due to go back. Schmuck that I am and desperate for a farewell blast as I was, I let it kill another battery charger before giving up. That said, this was an early, pre-production left-hand-drive press car,

so if these events are down to some electronic gremlin rather than my own incompetence, my hope would be that it had long since been traced and fixed for customer cars.

So it's not perfect. But it was incredible, because it did something no other car you can buy for remotely similar money can do, which is make you want to use it all the time because it made every single journey, however short and slow, genuinely special. The low-slung driving position oozes promise. The engine is easily the most pleasing small turbo four of my acquaintance, and it enjoys an almost instinctive relationship with its double-clutch transmission. Would I prefer a manual? You bet, but it's not on the table.

But it is the way the A110 addresses the road that singles it out. It is what I call a car park car, and they are bloody rare. A car park car is one that lets you know you're in for a treat before you're even out of the car park. The way it breathes with the road surface, so soft and supple, is unlike other modern sports cars and it can actually feel quite old-fashioned. Likewise the steering: it's not quick or aggressive off-centre – it is instead linear, precise and offers feel you don't expect in these electrically assisted days.

Which means the car is special even on wet and busy roads on cold and dark winter days because, when there's nothing else going for you, →

On a dark, damp day, this is the sports car you want to drive



Our Alpine cheerleader shows off his pom-pom





Alpine is not primarily a track car, but in tricky conditions will show a clean pipe to all manner of theoretically faster cars



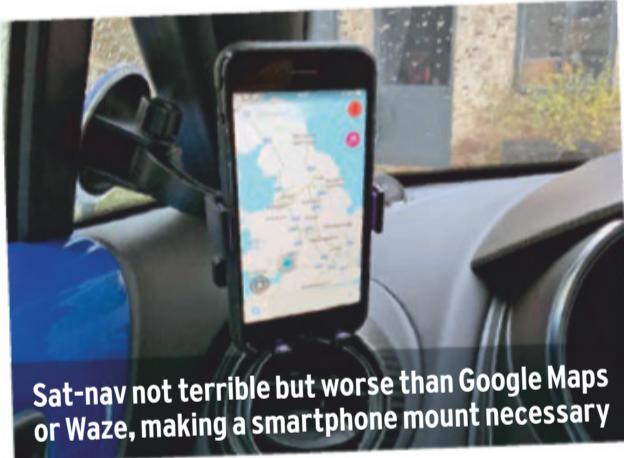
A110 spent time with perhaps the world's fastest road car, the McLaren Senna, and held its head high all day long



Rare blot on the copybook was that it drained its battery completely twice (though first may have been my fault)



First time it killed the battery, it dropped the door window, hence the crude weatherproofing



Sat-nav not terrible but worse than Google Maps or Waze, making a smartphone mount necessary



A110 screen provides nine pages of fabulously geeky information about all aspects of performance. Clutch temperature, anyone?



Few months with long-term BMW 740Ld provided the perfect yin and yang for a man on the move. Don't imagine I'll be that lucky again...



Outside Wales' oldest inn en route to a final shoot on Gospel Pass, the highest road in Wales. A fitting finale



“
It made every journey,
however short and
slow, genuinely special
”



← the Alpine will always feel like a thoroughbred sports car, and much more so than many thoroughbred sports cars.

Probably my best day in it was a cross-country thrash to Thruxton for a track day. I got there and saw a paddock full of weapons-grade machinery like Porsche 911 GT3s, Mercedes-Benz SLSs and so on, and I thought that on a track as ferociously rapid as this, I'd need to keep an eye on the mirror. Yet despite me driving quite cautiously around a track that has always scared me, not a single car came past in all the hours I was out there. You see, the track was cold and a little slippery and what

you need most from your car in such circumstances is certainly not power and not even grip – it is confidence. And no modern sports car imparts more confidence than this.

What does this all mean? I have said before that I fear for the Alpine project because it's really hard to see how the A110 is going to pay its development bills all by itself. It is a standard bearer, no more. A brand needs to be built around more mainstream cars if the volumes required to amortise costs are to be realised. And that strikes me as a far harder task than what has already been achieved. So what the A110 will mean and what it should mean

may not yet be one and the same.

But what it should mean is that sports car and supercar manufacturers around the world learn from its example. For here is proof that such cars don't need to be impractically wide, or implausibly powerful to provide a seminal driving experience. At the other end of the scale, it proves a car does not need to be crude or uncomfortable just because it is small and light. It proves too that such cars need not be relegated to the realm of mere recreation.

Which is why it is indeed such an important car, or at the very least deserves to be seen as such. Funnily enough, the closest parallel to it I can find comes from another time and another place, which I wasn't even alive to see. But qualities I see in the A110 today remind me of what those people must have seen when they first started driving early Porsche 911s in 1964, or 901s as they were then. Both defy the convention that says a pure driving machine cannot also be great daily transport. Indeed, they go further and say that the very fact they are so enjoyable in the most unprepossessing of circumstances is not just additional but key to their appeal. The 911 went on to become the most iconic and enduring sports car of all time and the A110 deserves to follow in its footsteps. Whether it actually will or not is, of course, a entirely different matter. **A**

Visitors to Llanthony Priory witnessed two landmarks that day



HOW TO MAKE IT EVEN BETTER

If I were to design my optimum A110, I would make three substantive changes: I'd raise the power of the engine to the same 296bhp it has in the Mégane Trophy, which should be cheap and very easy to do, and I'd then bolt on the six-speed manual gearbox that comes with the same car. Then I'd do an extensive wet and dry assessment on road and track and decide whether the car needed a limited-slip differential. I expect it would, but only a very mild one. I think the results could be extraordinary. Do I think it will happen? The engine and limited-slip diff probably, but probably not the manual gearbox. Still, two out of three ain't bad.

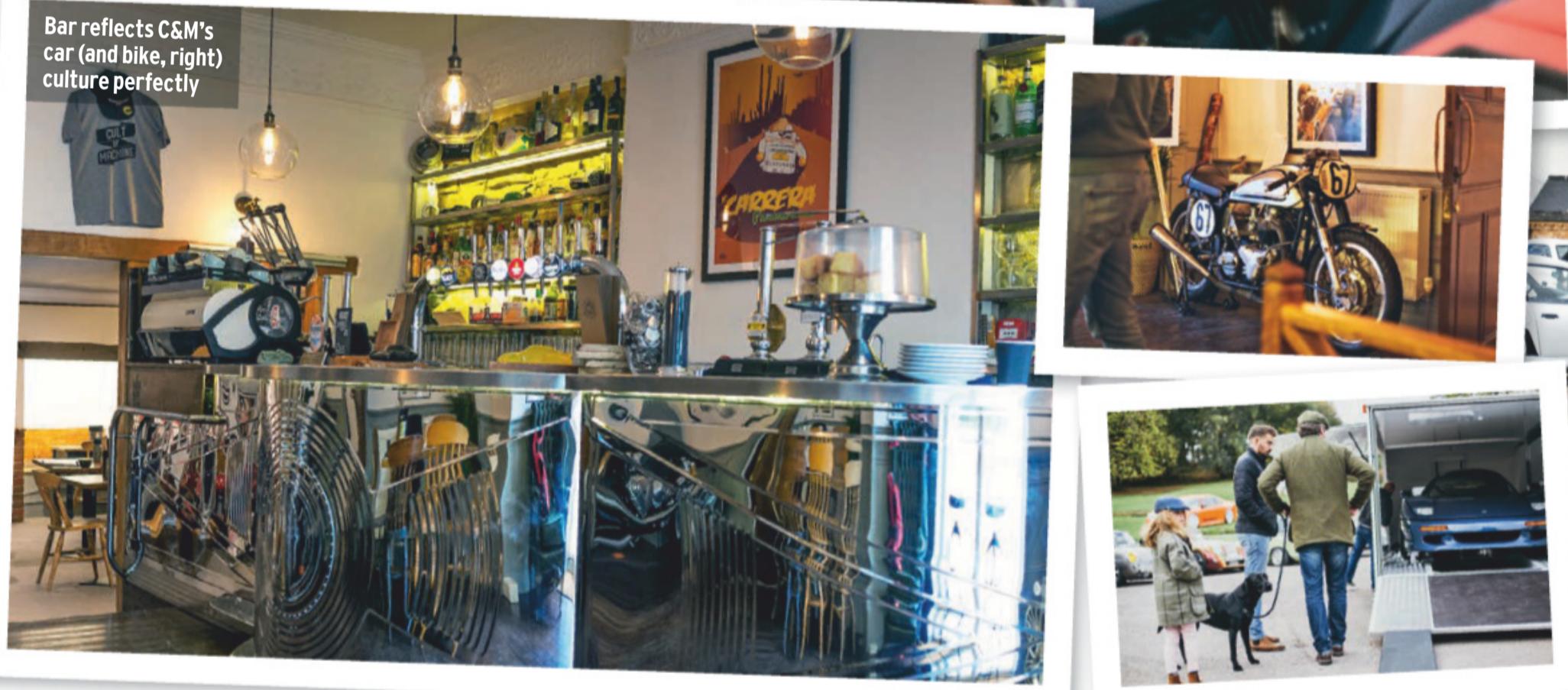


A110 four-pot makes 296bhp in the Trophy

As car parks go,
it beats the local
supermarket



Bar reflects C&M's
car (and bike, right)
culture perfectly



A CAR CAFE FOR ALL - AS YOU LIKE IT

A refreshing watering hole in the heart of Shakespeare country is becoming a popular stop for car fans. Colin Goodwin dropped in to meet the man who runs it

Recently I was on a car launch and overheard some younger journalists talking about a joint called Caffeine & Machine. On further questioning, they explained that it's a sort of car nut's meeting place where you can go and drink a coffee, eat, even stay over in one of eight rooms and generally chew the automotive fat with fellow enthusiasts.

Fast-talking entrepreneur Phil McGovern set it up in a house just outside Stratford-upon-Avon, only a stone's throw from Jaguar Land Rover's HQ. According to McGovern, engineers and test drivers already use Caffeine & Machine as a watering hole. Aston Martin is equally close by and their testers also drop in.

Caffeine & Machine has echoes of The Bike Shed, a motorcycle-themed cafe and eatery in the heart of London's Shoreditch hipsterville. I hadn't been to The Bike Shed, but went there for research purposes before coming up to visit Caffeine & Machine. I had a nice lunch, didn't buy any stylish biker gear and was able to resist having my beard trimmed for £24. It costs two quid at my local barber. It was fairly evident from observing my fellow customers that I was probably alone among the lunchtime guests in holding a motorcycle licence. A bit too trendy and try-hard for me, but I'm told that it's great fun to watch a MotoGP race live at The Bike Shed because of the atmosphere.

McGovern grew up in Kenilworth



Phil McGovern: catering for everyone

in an estate where neighbours included Volvo and now Geely design wizard Peter Horbury, Jaguar powertrain man David Szczupak and Land Rover legend Roger Crathorne. "I did some work experience with Roger at what was then the start of Land Rover Experience," says McGovern. Later, post-university, he worked in customer relations at JLR and then in 2007 was sent out to the Middle East to look after the company's operations there and in Africa. "I've always had a love affair with photography," he explains, "and started a website called Crank and Piston. Unfortunately, I published a photograph of an abandoned Jaguar XJ220 in Qatar and the bosses got wind of it and told me that I had to shut the site down. I didn't want to

and was given the boot." McGovern stayed in Dubai and founded a successful creative agency. In 2017, he returned to the UK with a plan in his head for what turned out to be Caffeine & Machine.

McGovern is very keen that his place doesn't become too hipsterish. In fact, he doesn't want it to be at all sectarian; known only as a meeting place for supercar freaks or classic car cloth cappers. The idea is to create a vibrant and inspiring place to share the passion. So far I like it.

McGovern's vision for this place fits with my theory on the future of motoring. I'm convinced it's going to return to being a hobby. Automated, overcomplicated and bland machines will simply be part of the transport infrastructure alongside buses,

It's a bit like the Ace Cafe, but set in open countryside

trains and Uber. We hardcore enthusiasts will be looking for places to go and things to do in our cars. In other words, it's going to be more like being a biker; a breed that has always sought out excuses to go riding. Caffeine & Machine will be one such

place. It's a bit like the Ace Cafe on London's North Circular, but the big difference is that this place is set in open countryside and driving here will be a pleasure in itself and part of the experience.

The door handles on the entrance are camshafts allegedly from a Porsche 964 RS. In the entrance, there's a Yamaha TZ250 once raced by Damon Hill. Turning right into the coffee and drinks bar, there's a Harley-Davidson bobber parked with a drip tray underneath it. "That came to visit with its owner last weekend, but it conked out. It's a sort of temporary exhibit," explains McGovern.

In a room next door, there's a rather lovely Porsche 356 parked up. Dotted around it are bits of art, furniture and sculptures that are all for sale. Another of Caffeine & Machine's raison d'être is to be a sort of craft centre for automotive arts. Around the back are various outbuildings, one of which contains a young lad who does suspension geometry the old way with bits of string. He's charged very little rent in what is a commendable plan to assist youngsters and start-ups.

In the grounds are plinths where cars can be displayed and admired, and there's also a big teepee-like structure for gatherings. Audi has used Caffeine & Machine for a car launch and I'm sure that other manufacturers are probably looking at the place at least for a coffee stop on a journalists' test drive route. I hope it doesn't get too corporate. It'd be a nuisance to drop in for a chat and cuppa and find the place swamped with car hacks.

Already we have Goodwood's breakfast club, but that's not so easy to get to if you don't live in the south-east. Shelsley Walsh holds regular breakfast gatherings, too, and they're brilliant. Shelsley is near to Caffeine & Machine, so there's a very pleasant Sunday morning/lunch run for you. Give it a try. □

For more information, visit caffeineandmachine.com

The cars that will cost you nothing to own

Steep depreciation is the price for buying a brand-new car, but carefully selected second-hand ones come with virtually a money-back guarantee. By Dan Prosser

Choose your new performance car wisely, be careful not to rack up too many miles and, three years later, it might be worth 60% of what you paid for it. That's pretty much a best-case scenario. That means the Volkswagen Golf R that you've put £35,000 into will be worth £21,000 after 36 months, so it will cost you close to £5000 in depreciation alone every single year.

No matter how you buy your new car – with cash, on finance or on a lease contract – you as the first owner will bear that cost. You can reduce your depreciation liability by buying a second-hand car, perhaps one that is already three years old and has slipped down the steepest part of the depreciation curve with somebody else's name on the V5 document. But the car will still lose value. As we'll

show over the next five pages, though, it is possible to buy a first-rate driver's car that will hold on to its value.

There are certain performance cars on the second-hand market that are so well-regarded – and that are in sufficient demand – that their values are set in stone. Pick the right one and it'll probably owe you nothing two or three years down the road. You could get back every penny you paid for it.

Can it possibly be that straightforward? No, of course not. On the subject of future values, there can be estimates and calculated guesses, but never any guarantees. We will also take a closer look at the realities of choosing an older car over a brand-new one. What you need to know is this: by slashing your depreciation bill to nothing, your motoring expenses could be obliterated. And it's doable even on the most meagre budget.

Mazda MX-5 (NA)

Not too long ago, an original MX-5 could have been yours for little more than £1000. That will only buy the tattiest MX-5 out there these days, which is as clear a sign as any that values are on the up. This year marks the 30th anniversary of the little sports car's arrival, which means you'll invariably be looking at examples with more than a handful of miles behind them and plenty of stories to tell. Nonetheless, there are plenty of cars out there that have been cherished, so that doesn't mean you'll have to satisfy yourself with a rust-ridden and careworn old shed.

The perky four-cylinder engines are said to be near enough bulletproof with regular oil changes and proper maintenance, although you should inspect the car closely for signs of corrosion, knackered suspension components and a flappy hood. The original MX-5 was the second-ever winner of Autocar's Britain's Best Driver's Car competition, beating all-comers in 1990, and a good example will be a joy to drive to this day. Now well and truly into modern classic territory, the MX-5 is a sure bet for depreciation-free motoring.

WE FOUND 1995 MX-5, 55,000 miles, £3250



Renaultsport Clio 197

If there is such a thing as an unloved Renaultsport Clio, this is probably it. The 197 was never reviewed as enthusiastically as the quick Clios that came before it, while the model that came immediately after, the Clio 200, was better to drive. But the 197 is surely the best-looking of the lot – in fact, it must be one of the best-looking small hot hatches full stop – and it's fantastic to drive by any measure. Costing from as little as £2800, the Clio 197 surely can't drop much further, if at all.

WE FOUND 2006 Clio 197, 52,000 miles, £3500



Alfa Romeo GTV 2.0 Twin Spark

So many of these very pretty little coupés have been neglected, their paintwork allowed to fade and rust left to wreak its havoc. But a fair number have been loved and adored, which means you'll readily find an example for not much more than £2500 with pristine bodywork and a clean bill of health. There are V6 models out there for less than £5000, but the truth is the Twin Spark, with its much lighter four-cylinder engine, was always better to drive. Values may even climb in coming years.

WE FOUND 2003 GTV, 72,000 miles, £2795



Honda Civic Type R (EP3)

Sure, it's shaped like a breadvan and, yes, the enormous headlights do give it a startled expression, but the howling four-cylinder motor under the bonnet more than makes up for the Civic Type R's somewhat gawky looks. For less than £3000, you'll be buying one of the finest hot hatch drivetrains of recent times, with the rest of the car thrown in for free. These Type Rs tend to live tough lives and often they're not well looked after, which means the cleanest cars will hold onto their value.

WE FOUND 2003 Civic Type R, 68,000 miles, £2700

WHATCAR?

What Car? New Car Buying

Find your perfect deal today at
whatcar.com/new-car-deals

Buy your next car from home

Our online service links you with trusted dealers who will match or beat our Target Price - so you can get your perfect new car at a discount without the hassle of haggling.



WHATCAR?

New Car
Buying



£5000-£15,000



BMW M3 (E46)

The third-generation M3 has been one of the most tempting used performance cars for so long that values have begun to climb. With hindsight, it seems absurd that £6000 was ever enough to buy a serviceable M3 with reasonable mileage because, with muscular but understated styling, one of the finest straight-six engines of all time and peak M-car dynamics, the E46 M3 always seemed to be worth so much more. You'll need to spend at least £8000 now, but in a couple of years that could rise to £10,000 or so.

The car isn't without its issues. The most enthusiastic drivers will be looking for coupés with manual transmissions, but so many of the examples you'll find listed in the classifieds will be convertibles and plenty will have the jerky SMG semi-automatic gearbox. What you'll really need to look out for is a cracked boot floor, however, because according to some specialists it's a case of when, not if. BMW made a lot of 'goodwill' repairs on cars younger than 10 years old, but even so you'll only ever have real peace of mind if a recognised M3 specialist has inspected the car closely and given it a clean bill of health.

WE FOUND 2003 M3, 92,000 miles, £8500

REALITY CHECK

The upside of buying a car that's unlikely to depreciate is obvious, but what about the downsides? Inevitably, there are plenty of them. For one thing, if you really want to protect your car's value, you shouldn't drive it at all but keep it parked up in a heated garage. That isn't what we're proposing by any means – and with moderate or even average use, the cars listed here will still hold onto their value. If you cover many more miles than the average person, though, it is unfortunately a very different story.

Some of the cars in this list are also getting long in the tooth – an original MX-5 might now be 30 years old – which means they'll have none of the interior tech that you may have become accustomed to. Still, a dashboard mount for your smartphone and an aftermarket Bluetooth device will between them navigate most of those issues.

The biggest downside? Without a warranty, every car here will cost more to run and maintain than a comparable new car. That's an inescapable fact. However, since your depreciation bill will be insignificant, or even non-existent, you'll have to be on the receiving end of a particularly nasty sequence of four-figure invoices before you're actually worse off.



Honda S2000

What's intriguing now about Honda's no-nonsense roadster is that it's actually become more valuable, like-for-like, than the Porsche Boxster that was always said to be the superior sports car. Scarcity is one factor, for the S2000 is nowhere near as common as the Porsche, and while its handling balance isn't as forgiving as the mid-engined car's, it does have the more thrilling (and durable) drivetrain. The cheapest cars trade hands for £7000 or so, but £12,000 will buy a low-mileage example that will hold its value.

WE FOUND 2007 S2000, 63,000 miles, £11,800



Mitsubishi Lancer Evolution VI

As the used car market begins to realise the Evo VI is not a boy racer's car after all but actually a nailed-on future classic, its value is beginning to creep up. These cars are now 20 years old and you'll struggle to find one with really low mileage for a sensible price, but there are plenty available with 60,000 miles or so for less than £15,000. Its pathetic range makes it unsuited to really long journeys, but across a moorland road there's not much out there that will be more exciting.

WE FOUND 1999 Evo VI, 58,000 miles, £11,995



Renaultsport Clio 182 Trophy

The 182 Trophy's future legend status is assured on two fronts, for not only was it exceedingly rare with only 550 ever built (all but 50 for the UK market), it also happens to be one of the finest small hot hatches ever produced. Why so special? The remote reservoir Sachs dampers that gave it freakish body control with uncanny pliancy over bumps are at the heart of it. Those dampers cost around £1000 each, which is why Trophy owners have them refurbished when the time comes rather than replacing them entirely.

WE FOUND 2005 182 Trophy, 40,000 miles, £10,000

£15,000-£30,000

Lexus IS F

It was never as highly regarded in its day as rivals from BMW and Mercedes, but the Lexus IS F is now more expensive than both the V8-engined M3 and the C63. With fewer than 200 ever brought into the UK, the IS F is exceptionally rare, which is exactly what will keep values strong in years to come. Contemporary reviews said it wasn't as sharp to drive as the M3 and not as characterful as the C63, but those seem like petty criticisms today. The truth is it handles well enough for a four-door saloon car and its normally aspirated V8 is as delightful now as it ever was.

Its fidgety ride quality was improved as part of a facelift midway through its life, although those post-2011 IS Fs still command £25,000, while the earliest cars are trading hands for around £18,000. It's unlikely they'll slip much further.

With typical Lexus reliability and build quality, you can expect to fork out only for routine maintenance and servicing; unlike the comparable M3, the IS F's engine doesn't have any commonly occurring issues. Just be aware that a brawny 5.0-litre engine will have an appetite for both fuel and rear tyre rubber.

WE FOUND 2009 IS F, 69,000 miles, £18,000



Porsche 911 Carrera 4S (996)

If the 996 really is the unloved 911, the Carrera 4S is at least the most highly regarded version of it (aside from the very expensive GT3 derivatives). From the rear it looks like the Turbo model, thanks to its wide arches and full-width reflector strip. With four-wheel drive and 316bhp, it has much of the all-weather, cross-country pace of the twin-turbocharged version, too, but at 70% of the price. Values have risen sharply in recent years and are unlikely to perform a U-turn.

WE FOUND 2003 Carrera 4S, 61,000 miles, £23,995

BMW M3 (E92)

The M3's high-revving V8 is worth the ticket price alone. The cheapest examples cost less than £15,000, but for just a little more you'll find low-mileage cars with impeccable histories. Buy through a recognised specialist and you may even pick up a warranty, which is worth paying a little extra for given that these cars can present the odd four-figure bill in the event of a mechanical failure. You'll burn through fuel at an astonishing rate and the tyres won't last long, but you won't regret it.

WE FOUND 2007 M3, 49,000 miles, £16,450

Bentley Continental GT

Can a 15-year-old Bentley ever make financial sense? There's no doubt that for £20,000 you'll be getting a staggering amount of car, one that combines speed and luxury unlike anything else at the same price point. But that big W12 engine with its two turbochargers will cost a small fortune just to keep you in fuel and there will be no such thing as a small maintenance bill. If the Conti GT does lose any of its value from here, though, it will do so very slowly indeed.

WE FOUND 2004 Conti GT, 51,000 miles, £20,895

PRIVATE, APPROVED USED OR SPECIALIST?

Buying an approved used car from an official franchise can be prudent because you'll be covered by a warranty for at least 12 months, but you will pay a premium. While it is possible to buy an approved used Aston Martin V8 Vantage, for instance, they start at a little under

£40,000 rather than the £32,000 suggested elsewhere.

The very cheapest examples of a particular model will be offered for sale privately. These cars won't have been thoroughly checked over and nor will they be warrantied. If this is how you choose to buy your

pre-owned performance car, you'll need to be certain you know what you're looking for.

The happy middle ground between the two? That will be a recognised specialist. For whichever car you're in the market for, there will be a specialist out there. You won't pay as much

like-for-like as you will at an official franchise, but the car will be checked over and, in almost all cases, it will be warrantied as well. Striking up a cordial relationship with a relevant specialist will be the most cost-effective way of buying the right car, looking after it properly and maintaining its value.

OVER £30,000



Mercedes C63 AMG 507 Coupé

The 507 was the run-out special-edition model that bade farewell to the thunderous 6.2-litre V8. The C63 that followed would switch to a more powerful but less characterful 4.0-litre V8 with turbos. Now the most sought-after model, the 507 commands something like a £10,000 premium over a standard C63 of a similar vintage and with the same mileage. Objectively it probably isn't worth the extra outlay, but it is the version that will hold its value, making it far and away the better option in the long run.

WE FOUND 2014 507 Coupé, 24,000 miles, £38,290



Aston Martin V8 Vantage

Undoubtedly one of the riskier bets in this company, the gorgeous V8 Vantage won't shed much of its value over the next couple of years, if any whatsoever, but its scope for ruinous maintenance bills is not to be underestimated. Still, for a little over £30,000 you could be driving one of the prettiest sports car shapes of recent times – and one that's puncted along by a tuneful normally aspirated V8. The Vantage can be tricky at low speeds with a heavy clutch and weighty steering, but on the right road it's fantastic to drive.

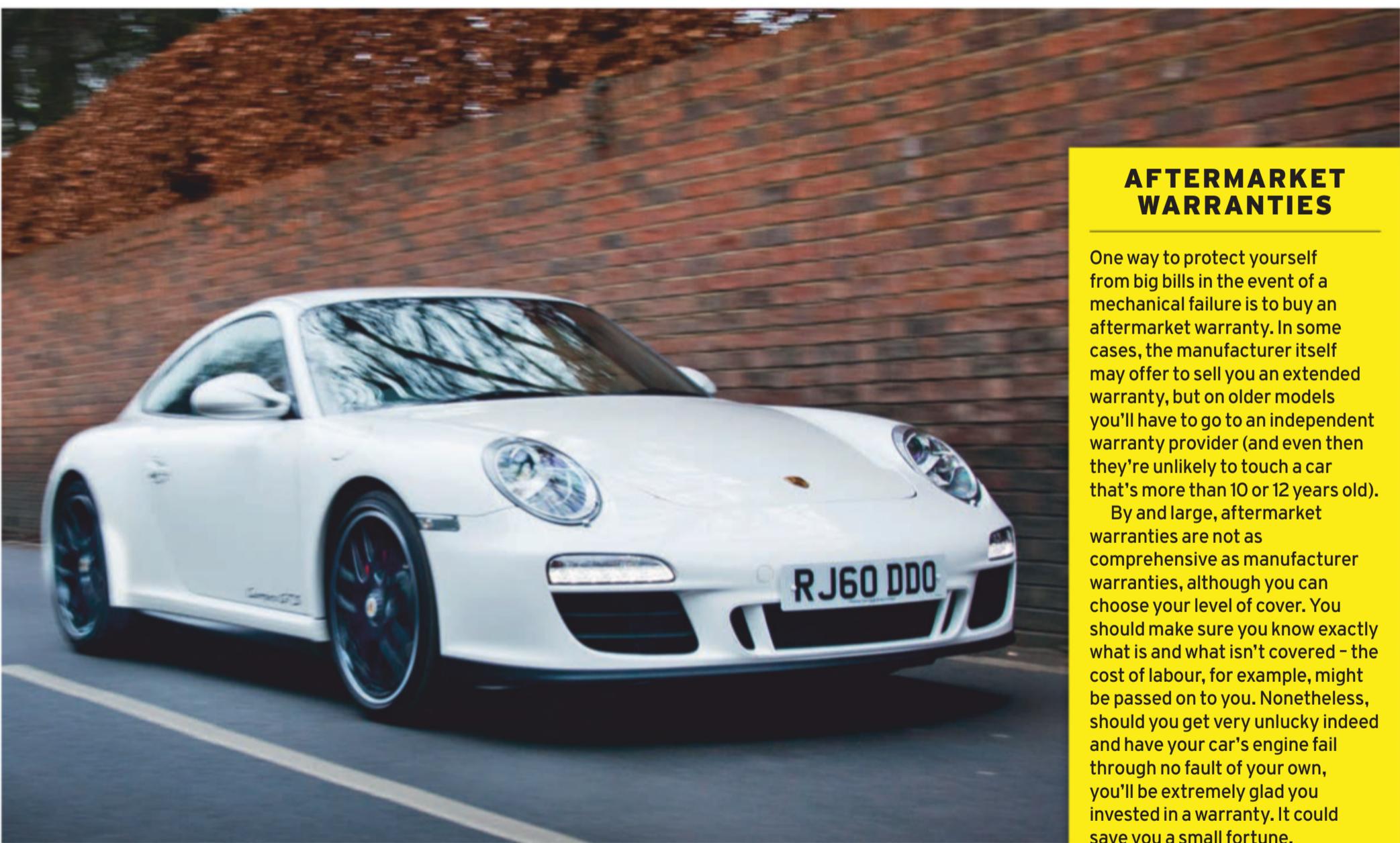
WE FOUND 2006 V8 Vantage, 46,000 miles, £32,000



Nissan GT-R (R35)

The earliest R35 GT-Rs have been trading hands for around £30,000 for a little while, which suggests Nissan's thumping four-seat coupé has now reached a lower plateau. You will need to budget a reasonable amount for running costs and maintenance, while finding a reputable specialist to look after it will be key. In return you will be getting one of the most intoxicating driving experiences of any car at any price, and enough straight-line performance to humiliate new cars costing four times the money.

WE FOUND 2009 GT-R, 55,000 miles, £32,995



Porsche 911 Carrera GTS (997)

Depending on who you talk to, 2019 will be a more bruising year for the high-end performance car marketplace than the years that came immediately before it. Some car traders will tell you that certain models are taking longer to sell than they did two or three years previously and that they're no longer fetching the inflated sums they once did. If there is to be a significant correction event, most of the cars in this list will be affordable and common enough to be unaffected. The 911 Carrera GTS, however, might not be.

Nonetheless, the GTS is said by most commentators to be the pick of the 997 range, GT models aside. It took all that was great about the 997 – compact size, hydraulic steering, normally aspirated engines – and combined it with modern interior tech, strong performance and just-so handling. The prices these cars still command eight years later are testament to just how good the GTS was and how desirable it remains, and although shock at the top end of the market might have an effect on GTS values, they'll never drop so catastrophically that your investment will look reckless.

WE FOUND 2011 911 Carrera GTS, 48,000 miles, £54,995

AFTERMARKET WARRANTIES

One way to protect yourself from big bills in the event of a mechanical failure is to buy an aftermarket warranty. In some cases, the manufacturer itself may offer to sell you an extended warranty, but on older models you'll have to go to an independent warranty provider (and even then they're unlikely to touch a car that's more than 10 or 12 years old).

By and large, aftermarket warranties are not as comprehensive as manufacturer warranties, although you can choose your level of cover. You should make sure you know exactly what is and what isn't covered – the cost of labour, for example, might be passed on to you. Nonetheless, should you get very unlucky indeed and have your car's engine fail through no fault of your own, you'll be extremely glad you invested in a warranty. It could save you a small fortune.

The costs vary enormously depending on the car in question. By way of example, Warranty Direct will sell you a two-year engine and drivetrain warranty on a 2009 BMW M3 (that's covered 70,000 miles and is worth £17,000) for £858. That covers parts and labour in full, although you'll have to pay more to cover the brakes, suspension, fuel systems and electronics as well.

YOUR VIEWS

WRITE TO

autocar@haymarket.com

New Panda spark

Fiat has at last emerged from the doldrums by exhibiting its Concept Centoventi EV (News, 13 March). If it is to be called Panda, it is good that the superb styling is entirely new. The first two Pandas were great designs in entirely different ways, but the current generation is just a poor facelift of its more sharp-suited forebear and has aged badly.

This new one looks great inside and out and I hope it reaches production with minimal alterations, apart from the coach doors, of course – they never make it! It will be interesting to compare it with Honda's Urban EV. Fiat is promising its car will be “the least expensive BEV on the market”, while Honda hints that its offering “won't come cheap”. However, I am puzzled about the fitting of more batteries if needed; surely the extra weight will necessitate some tweaking of the suspension?

Michael J Bacon
Towcester, Northamptonshire

Don't forget the Midget

Your 13 March article “One hundred not out” offers great ideas for sub-100bhp cars that are fun. Personally, I'm not into motorbikes, electric town cars and have no pilot's licence, which left me with the two little sports cars. Wonderful solutions both, but I think you may have missed one other. My MG Midget (40-50bhp and less than 800kg) was once described as ‘the most fun a man can have below 50mph – with his clothes on’.

Are there any modern contenders for that title?

Peter Hills
Royston
See John Evans's *How to Buy in the 20 March issue, Mr Hills. Great minds and all that – DS*

Zero marks

It seems reasonable to assume that Ferdinand Piëch is a pretty bright bloke, but does he live in the real world? How else do we explain the statement made at the Geneva motor



Thumbs up for new Fiat, says Michael



LETTER OF THE WEEK

Be a good sport, MG

I see that MG seems to be doing quite well in China, effectively its home market, despite all the noise there about its supposed Britishness. There is little doubt that with each new model, the quality of design and build quality has gone up, and having looked at an MG3 and an MG ZS, I must say these are a lot better than the MG6 I looked at around five years ago.

The problem is that even these new cars have the sporting appeal of a wet weekend. MG has always stood for affordable sportiness, and there was nearly always a proper sports car in the showroom alongside the more practical cars. Mazda, whose styling MG seems keen to crib at, at least has the MX-5, obviously a sports car in the spirit of the old MGB.

Things began to look a bit more promising two years ago when they showed us a kind of electric super-coupé called the E-Motion; since then there has been nothing with the tiniest hint of sportiness. You do have to wonder if the people in charge really have a clue about what they own.

John Miles
Via email

show that the Mark Zero electric supercar can be charged to 80% of its (presumably around 100kWh) capacity in less than five minutes?

At the European system standard of 400V three phase, this equates to a charging current approaching 2000 amps. Apart from the difficulties of providing a safe but easily usable vehicle connector and a manageable cable for this level of current, where exactly is the prospective owner going to find a 2000A supply?

Nonsense of the very best kind.

Bill Gysin
Via email

Style puzzle

For the Piëch Mark Zero read Jaguar F-Type or Aston DB11... Yawn!

WIN

Letter of the week wins this ValetPRO exterior protection and maintenance kit worth £48



Valet PRO
PROFESSIONAL VALETING SUPPLIES

Electric or not, where is the creativity to take advantage of EV packaging versatility? Why have we got to put up with cynical, lazy, retro ‘styling’ as opportunities are squandered?

Jaguar's I-Pace suggests we may see some movement in the SUV class, but sports cars deserve better too!

It's a real shame that the courage shown by Ferdinand Piëch with the VW XL1 is not reflected in this mediocre effort which bears his own name. Puzzling!

Richard Penna
Derby

To be accurate, Ferdinand Piëch is not responsible for the Mark Zero. The company that builds it was co-founded by his son, Anton Piëch – DS



Mark Zero scepticism appears high

High peak of anger

I am becoming increasingly angry at the repeated barrage of unjust negativity towards Jaguar from the British media, the public and on these very pages from people who have clearly never even sat in one.

Compared with the Germans, French, Italians and Americans who unconditionally support their national brands, the British thrive on mockery and ridicule of their own motoring industry, while dismissing the fact that Jaguar cars are class leaders, and to my eyes vastly superior to Audi, Mercedes and BMW when it comes to the styling stakes.

Yes, some interior finishes and infotainment lag behind the Germans, but ‘first-world problems’ and all that. When I'm driving, I'm driving; when I want infotainment, I sit on my couch and stare at my TV.

The stark reality, for all of Jaguar's efforts, is that the vast majority of the motoring public can't distinguish between a dynamic masterpiece and a rock-hard, under-steering barge. New-car buyers simply want as many touchscreens and gadgets as possible, huge wheels and a marketing promise that it will ‘corner like it's on rails’.

Above all else, though, their purchase has to convey status to their friends, neighbours and colleagues

Germans vs Jaguar:
is British snobbery at work, wonders Paul?



and, for some reason, the German 'three' have this wrapped up, while Jaguar (and others) get an automatic dismissal.

Sad to say, but good old-fashioned British snobbery determines sales figures far more than product excellence in this country.

Paul Haynes
High Peak, Derbyshire

Stop breaking down blues
Jaguar Land Rover builds beautiful-looking cars that handle superbly. Star designers Gerry McGovern and Ian Callum are rightly held up as demi-gods in the industry. So how could JLR possibly post such a mammoth loss? It's so barn-door obvious to me why they're not shifting enough units: reliability!

I know many owners and their cars are either just about to break down or currently in the garage. JLR is either ignoring this problem or is incapable of getting it sorted – or they just don't care. Either way, I and many others will not buy from JLR until its decades-long sojourn at the bottom of the reliability league table comes to an end. I am not alone. People do not want to buy unreliable cars.

Richard C Anderson
Via email

Getting up his nose
I note a more balanced approach recently on the vexed diesel/petrol conundrum, for which I offer thanks.

I would thank you and motoring journalists even more if, as impartial observers and commentators, a critical eye could be turned to particulates, as this is what really gets up my nose in all senses of the word. Does glossing over these particular exhaust issues suit the motor industry's vested interests?

My take on diesels now is they are only worth their metal on long journeys. For the short hop, which is the most usual pattern of vehicle usage, there is no benefit and quite a lot of disadvantage. And many more particulates, perhaps.

Roger Rigge
Cambridge
John Evans wrote an enlightening piece on diesel particulate filters in the issue dated 23 January – DS



GREAT REASONS TO BUY

NEXT WEEK'S ISSUE

ON SALE 3 APRIL

GROUP TEST



New Porsche 911 vs rivals

You've read the first-drive verdict, now see just how good the all-new 992-generation 911 is against its sports car peers

FIRST LOOK



MOTORSPORT



New Porsche Taycan

We join the development team of Porsche's electric sports saloon

BTCC: then and now

As we warm up for a new season, is the series better now than ever?

EVERY WEEK

ROAD TEST



FIRST DRIVE



USED BUYING GUIDE



Mercedes-Benz B-Class

Thought MPVs were dead? Not at Merc. We rate the new B-Class

New Range Rover Evoque

Our first UK drive of Land Rover's second-generation crossover

Bentley Flying Spur

The Conti saloon is now a bargain used buy. How to find a good one

SUBSCRIBE autocar.co.uk/subscribe or see p26

OUR CARS

FEATURED THIS WEEK



AUDI A6 AVANT



CUPRA ATECA



JAGUAR XE



MERCEDES-BENZ A-CLASS



MERCEDES-BENZ S-CLASS



VOLKSWAGEN ARTEON



VW ARTEON

We wondered if this car has what it takes to stand out. After a 10,000-mile test, we now know the answer

FINAL REPORT

MILEAGE 10,326

WHY WE RAN IT

To find out if VW's added-desirability family saloon still feels special at the bottom end of the model range

Futterneid. The Germans have a word to describe the specific kind of envious desire you feel for good-looking food on someone else's plate – and 'futterneid' is it. I learned as much recently, courtesy of the BBC's Nicky Campbell, via the radio on our long-term Volkswagen Arteon. Like much of the rest of the car, the radio is entirely good, adequately powerful and very usable – although not what you'd call special. Regrettably, I've no idea if the

Germans have a similar term to describe how you might jealously regard the car in someone else's parking space – but, sufficiently encouraged that they may, we've been doing our best to find out, over the past eight months, whether one of Germany's less fanciable family-sized fastbacks could inspire such an inkling after getting to know it better. The kicker was that we'd be engaging with this VW at its most ordinary: with the cheapest available petrol engine and trim. Desirability has, over the years, proved a difficult concept for a brand as progressive as VW to master. So has its latest fashion four-door got enough of it?

Now that our long-term test is at an end, after nearly 10,000 miles, the verdict's in – and the feeling of



Driving experience offered lots of polish but little engagement

the Autocar road test jury is much as it was when we road tested the Arteon in the spring of 2018. It's not a desperately positive note on which to start this farewell to what has been a near-ideal means of transport for a small group of colleagues who tend to get plenty of driving jollies from other sources.

But sadly, even after extended acquaintance has made us regard this car's comfort, practicality, usability and perceived quality very highly, it hasn't proved that the Arteon has the dynamism to make it feel any more special to drive than the next mid-sized saloon. Not, at any rate, at rung number one on the

model derivative scale.

Neither has simply looking at the car at length, and on a daily basis, really given us any greater appreciation of an exterior design that fails to create much in the way of instant visual attraction. We all agree that there are bits of the styling we like but none of us would say those bits come together to amount to a car that really stands out – unlike the previous long-term test car we ran, the directly comparable Kia Stinger.

The Arteon deserves some credit, nonetheless, for maintaining a convincing aura of calming cut-price luxury and refinement over its time with us. We went out of our

It made the miles disappear like road grime in a car wash



Four blokes and all their camping kit proved no problem



It rubbed shoulders with the greats on road test duty

“
The Arteon has provided serene, intuitive, spacious, convenient and relaxing transport
”

SECOND OPINION



When I wanted a car for five days that was comfortable, economical, quiet and otherwise completely undemanding, the Arteon hit the spot. Car as white T-shirt or cup of unsweetened tea. Over a long spell, perhaps you want more than that. **MP**

way to test the car in as close to basic specification as possible and yet still got a car with heated seats, digital instruments, adaptive cruise control and plenty of useful convenience features chucked in as standard.

The car also repaid us for stumping up for a dual-clutch gearbox with a slickness of operation in unhurried town and rush-hour motoring. In fact, the Arteon soothed away long distances and the drudgery of the daily grind very quietly and comfortably – and it proved that, while you might want to add adaptively damped suspension to your car to make it a bit more athletic, you don’t need it to obtain a fine and absorptive ride. There is a maturity

and polish about the Arteon’s driving experience that, while no substitute for driver engagement, certainly feels nicely accomplished.

The interior, restrained and downplayed as it is, didn’t accumulate a single sign of age or wear over our test – and it saw plenty of use. The Arteon ferried four 20-something lads on a weekend camping trip. Stacked to the roof, it played a support role for a brave 15-year-old’s long-distance coast-to-coast charity run. Similarly loaded, it conveyed a family of four to the Devonshire seaside for a week of suncream and sand being smooshed into the upholstery. It was adopted by both of Autocar’s staff photographers – neither of whom is known for being too careful about where he chuck his Peli cases or empty coffee cups. But you wouldn’t have known any of that on the day VW took the car away. What’s more, the litre of engine oil I bought in week one was still sat, unopened, in one of the handy storage cubbies on either side of the large and accessible hatchback boot.

The Arteon has, in short, provided serene, intuitive, spacious, convenient and relaxing transport, even putting

TEST DATA

VOLKSWAGEN ARTEON

1.5 TSI EVO ELEGANCE DSG
TEST STARTED 24.7.18

Mileage at start 898

Mileage at end 10,326

PRICES

List price new £32,745

List price now na (engine discontinued)

Price as tested £34,555

Dealer value now £23,708

Private value now £21,074

Trade value now £19,750

OPTIONS

Metallic paint (Chili Red) £595, keyless entry and hands-free tailgate £900, rear-view camera £315

FUEL CONSUMPTION AND RANGE

Claimed economy 48.7mpg (NEDC)

Fuel tank 66 litres

Test average 43.1mpg

Test best 50.8mpg

Test worst 35.5mpg

Real-world range 626 miles

TECH HIGHLIGHTS

0-62mph 8.9sec

Top speed 137mph

Engine 4 cyls, 1498cc, turbo, petrol

Power 148bhp at 5000rpm

Torque 184lb ft 1500rpm

Gearbox 7-spd dual-clutch automatic

Boot 563-1557 litres

Wheels 8.5Jx18in

Tyres 245/45 R18 W 96

Kerb weight 1565kg

SERVICE AND RUNNING COSTS

Contract hire rate £403

CO₂ 136g/km

Service costs None

Other costs None

Fuel costs £1173.45

Running costs inc fuel £1173.45

Cost per mile 12 pence

Depreciation £14,805

Cost per mile inc dep'n £1.69

Faults None

PREVIOUS REPORTS

8 Aug 2018, 22 Aug, 5 Sep, 19 Sep, 3 Oct,

17 Oct, 31 Oct, 21 Nov, 27 Dec, 9 Jan 2019, 23 Jan,

20 Feb, 6 Mar

LOVE IT



CRUISING MANNERS

Engine is quiet and smooth and the ride cushioned and isolating. The miles simply melt by the window.



PRACTICALITY

Second row's properly adult-sized. Boot's bigger than in plenty of SUVs below the window line.



EQUIPMENT LEVELS

You get plenty of kit as standard, among it all a selectable driver profile system.

LOATHE IT



DRIVING POSITION

The seats are comfy but they perch you up much too high for anything like a sporty driving experience.



HANDLING

Entry-level specification doesn't give the Arteon any sporting edge to speak of. And it needs some.

Leather Care & Repair Specialists

Leather cleaning & restoration kits for DIY use or a professional nationwide repair service.

SCUFFS & SCRATCHES
COMPLETE RESTORATION
COLOUR CHANGE
CLASSIC & MODERN CARS
DIY KITS
NATIONWIDE SERVICE

Furniture Clinic
 Tel: 0844 879 3691

www.furnitureclinic.co.uk

NOT ALL CAR CARE PRODUCTS ARE THE SAME

Chipex car care products have been created using the latest most technologically advanced chemistry available from the global market place.

Tel: 01295 258308
[www\(chipex.co.uk](http://www(chipex.co.uk)



CHIPEX®



The Personalised Numbers Agency

**WE ARE LOOKING FOR
 PRESTIGE PLATES FOR
 WAITING CLIENTS**

Established 1974



www.pna.co.uk sales@pna.co.uk

Prestige	BET 7	5 DOS	HB 7	5 JHL	K1 YON	MAX 960	93 PPP	59 RS	THD 2	AMO 5G
AAA 1S	B 73	7 DS	4 HER	JIG 61	K2 HAN	MJB 5	16 PR	5 RY	THD 3	A1 PUR
AB 111	BBC 5	D1 SHY	5 HER	333 JJJ	K4 AHN	MJG 90	8 PSA	2 S	TH11MAS	AS11 LEY
5 AJC	4 BGN	DT 6	HH 2	99 JM	K1 RRK	MJT 790	RAJ 96	6 S	T1 MMY	BAY 1A
2 AB	BN 6	E 33	46 HLT	9 JMM	K4AHN	MJT 657	RAJ 706	8 S	TK 25	BEE 1S
69 AB	AO07 CAR	10 EMS	HM 33	14 JO	KS 17	4 NDY	RCH 18	SBG 3	TOM 3Y	BEL 1S
9 AEC	4 CAT	1 EXS	1 HKV	JOS 11	KS 5	44 NDY	RB 111	SCT 71	TON 9	BEL 1L
AHM 1D	CB 26	EG 6	HU63 HES	JON 1N	KS 6	77 N	RB 1111	S99 GRH	898 TR	BIL 70
4 AK	CF 26	E635 AMG	CAR 16K	JOY 1S	8 LB	NAS1R	RBW 1T	21 SLK	1 UA	BIL 83
AK 6	4 CEO	F 1	GO 92	7 JOY	LJ 2	4 NJU	RBW 3	0017 SPY	61 V	BIL 1111
AK 7	CC 373	FC 6	LEK 9	JRA 55	LJ 3	NT 2	11 RC	5 SPY	36 V	BOY 1D
AK 25	CCH 111	2 FMW	3333 J	2 JT	LJ 4	NO 4	1 RH	SS11 OHU	WM 6	BLO 6K
V8 AML	31 CJJ	FSO 1	88 JA	JT 2	11 LJS	570 NY	RJH 34	SUE 7	WC 45	B111 ALS
22 ASG	81 COB	91 G	4 JAK	4 K	LOU 13S	18 O	RK 83	8 SUE	88 X	JB18 OND
38 AS	CSH 626	4 GJS	29 JB	88 K	LYR 11K	OI 3	3 RKB	SWL 9	96 X	B11 RDE
ANG 13K	D 73	F8 GTR	53 JB	40 KB	7 MB	00 OSS	5 RKB	9 SWL	10 XE	CO11 LLN
111 000	34 DER	911 GUY	7 JDS	4 KH	12 MCJ	50 OT	8 RLA	SYD 53	6 XK	COX 7B
B 22	DFB 6	H4 PXY	4 JEY	7 KH	A45 MER	11 OU	2 RLP	T 97	20 Y	DAN 1T
3 BET	43 DHB	HAJ 1G	9 JF	KH 3	M4 RYC	3 PMW	9 RSC	TES5S	AD11 DAS	DAV 1X



Telephone Now 01202 877395

WE HAVE MILLIONS MORE PLATES AVAILABLE



MERCEDES-BENZ A-CLASS

Time for another swap: in comes a petrol A250 AMG Line with some choice options

MILEAGE 1802

WHY WE'RE RUNNING IT

To see if Merc's Golf rival has come of age - and to try to pick the 'perfect' spec

Name a really epic third part of a trilogy, one that's the defining part of its trio of movies. It's harder than you think. Apparently Lord of the Rings is as good as it gets for a part three, but I'll have to take the internet's word for that and present Back to the Future III for the prosecution's case.

So let's consider this, the climax of our own three-part series on the Mercedes-Benz A-Class, before AMG gets involved and takes over with the excellent A35. To recap, we started life with the entry-level A180d diesel model in mid-range Sport trim before switching to the A200 petrol model in the plusher AMG Line specification. And now we're in the A250, again in AMG Line but with three key differences we'll examine.

First, the A250's turbocharged 2.0-litre petrol engine, which, in this state of tune, produces 221bhp and 258lb ft. The A200 has a 1.3-litre with 161bhp and 184lb ft, so that's quite

LOVE IT

AMG-LIKE LOOKS

This has plenty in common with the A35 AMG at first glance, which is a good thing for kudos.

LOATHE IT

ACTIVE LANE KEEPING ASSIST

Still grates. Now gets confused by old painted-over lines from roadworks and tugs the wheel.



Glass roof and big twin screens inside ramp up the luxury feel

a jump in capacity. There's also an A220 that splits this pair, which gets a 187bhp version of the 2.0-litre, for the sake of completion.

Second, we welcome the interior's show-stopper for the first time: the twin 10.25in screens for the MBUX infotainment system. This dominates your eyeline in the cabin with its rich graphics, mixing infotainment in the centre of the dashboard with driving information on the right screen, which replaces an instrument binnacle.

We've gone from two smaller screens in the A180d, to one large and one small in the A200, but now we have the full 'do you want to go large?' option. Lovely it is, too, both visually and in its functionality. But worth the extra £2000-plus cost over the lesser systems? Let's see.

Third, that £2000-plus cost (£2200 to be precise) isn't just for the larger instrument screen but is the price of the Premium Plus package (£3595) over the Executive package (£1395). So you get plenty of bells to go with its whistle, including some fancy ambient interior lighting, a

better sound system, adaptive LED headlights, memory heated seats and a panoramic sunroof, which arrives just in time for the spring. That's some 15% of the car's list price on one option alone, so assessing its value will be intriguing.

Saying hello to the A250 meant waving goodbye to the A200, which will probably be glad to see the back of me after I soured our last few days together. (I'll just say the word 'ford' and leave it at that, and I don't mean the one with a blue oval. Luckily there was no damage, other than to my pride.)

I was amazed at the A200's easy-going economy, with 50mpg frequently popping up on the trip odometer on my 30-mile-each-way mixed-road commute, I enjoyed the extra agility and fleet of foot the lighter engine brought to the handling over the A180d and was pleased to report the body control improved somewhat with the adoption of a multi-link rear axle, even if the low-speed ride issues weren't completely solved.

I will miss it, although there's now a sense of excitement to try the kind of car you don't see enough of these days: the cooking petrol. Most buyers switched to higher-powered diesels instead of the likes of the A250 in the past decade to get a good slug of the performance mixed with more favourable economy and taxation, but given diesels are apparently all evil these days (don't get me started...), petrol power is making a comeback.

It's early days, but I'm enjoying the greater muscularity of the 2.0-litre engine in the mid-high rev range, as well as a useful improvement in the-gap-in-the- traffic-exploiting 0-30mph performance that's so useful in the real world. And none of this is at the expense of economy too much, with the car returning 40-42mpg on my commute.

The seven-speed automatic gearbox's application in the A250 has been the most impressive yet. You'll remember it has been one of the few black marks against the A-Class elsewhere. While still not completely cured of that low-speed hesitancy, you can trust the 'box to listen to your right foot in a more acceptable timeframe. Bodes well for helping see the car at its very best in its remaining time here.

MARK TISSHAW

TEST DATA

MERCEDES-BENZ A250 AMG LINE

Price £30,465 Price as tested £35,170

Faults None Expenses None

Economy 37.7mpg Last seen 13.3.19

OWN ONE? SHARE YOUR EXPERIENCE
mark.tishaw@haymarket.com



NEW INNOVATION!



FLEXIBLE
REACH THE UNREACHABLE!

www.WD40.co.uk



DRIVES OUT MOISTURE

STOPS SQUEAKS

LOOSENS RUSTED PARTS

CLEANS & PROTECTS

FREES STICKY MECHANISMS



JAGUAR XE

It's an easy fit for business drivers – just go easy on the options

MILEAGE 8107

WHY WE'RE RUNNING IT

To evaluate Jaguar's under-appreciated entry saloon, and discover whether BMW 3 Series and Audi A4 buyers should think a little deeper

Our Jaguar XE has been a serious mile-eater since it arrived at our place in the first days of January with around 500 miles on the clock. In the ensuing 10-and-a-bit weeks it has averaged 750 miles a week, which would translate to 40,000 miles a year if it were to stay with us that long.

That's not very likely given that our edition is being superseded right now in the showrooms by an updated version with a plusher interior, a bolder face and a simplified engine range. But it makes a strong point about the XE's usability. This is a car you can grab for any kind of use because it fits down any street and in any parking spot, but it's also well capable of cruising on motorways as fast as you're game, en route to Milton Keynes or Milan. As roads get more crowded and cars get bigger, the right-sized XE teaches you that compactness has an increasing value – and saints be praised, you don't even have to pay for it.

LOVE IT

DRIVER APPEAL

The combination of steering, grip and body control make this a great driver's car.

LOATHE IT

BRAKES AND PAINS

I would be happier with less brake assistance at low speed, and also wish they didn't squeal.



XE's cabin remains a serene environment despite the adoption of bigger 19in wheels

Talking of payment, I was hauled over the coals by business-mileage readers when introducing this car for not drawing attention to the fact that its list price (with options) busts the all-important £40,000 tax barrier, not only making the user liable for an extra £310 tax payment annually, but lumbering the second owner as well. This, in turn, has the potential to hurt my £40,575 car's residuals, because canny second owners will be shopping for sub-£40,000 cars.

Under the circumstances, I'd be crazy not to lose a couple of options (for me, it'd be the £370 privacy glass and the £530 keyless entry), making a handy saving and helping the car sell easier at the end of its term.

Meantime, a few more quirks have emerged, as they always do. As mentioned last time, I really like this R-Sport's body control and comparative lack of road noise

(especially given that it's had a further upgrade from the standard R-Sport 18in alloys to 19s) but there are times when its lack of composure can get in the way, especially if you're carrying passengers. Driving on my own, I always find it great. With someone aboard who doesn't enjoy a bit of a sprint as much as I do, it can get a bit trying.

There's a brake quirk, too. At low speed, at the very particular effort level I use to slow at the end of a suburban street, they squeal. Press harder or less hard and it doesn't happen, but at the retardation level I invariably need, they're vocal. They're also a bit over-servoed. Jaguar says it's making few changes to the XE's running gear for the new model – on the thoroughly believable premise that it doesn't need them – but some mild tuning of the brakes might improve things. Not that there's anything wrong with the system in extremis: the XE stops extremely well.

As a whole, this car is doing beautifully. It's fast and easy to drive. And it always feels a bit special. The economy averages 40mpg when driven the way I usually drive, which is to roll easily most of the time but throw in the odd seven-tenths sprint when the conditions are right. This is exactly what my head says a compact Jag sports saloon should be like.

STEVE CROPLEY

TEST DATA

JAGUAR XE 2.0 R-SPORT

Price £34,565 Price as tested £40,575

Faults None Expenses None

Economy 39.7mpg Last seen 27.2.19

OWN ONE? SHARE YOUR EXPERIENCE

steve.cropley@haymarket.com



Mercedes S-Class

MILEAGE 8820

LAST SEEN 27.2.19

I can hardly imagine a car more suited to the journey, nor a journey better suited to the car. Three friends and I took the S500 from Bristol to a wedding in Norwich. The big Benz was spacious, comfy and serene. It averaged a little over 30mpg, but didn't quite have the range to cover the full distance on a single tank. Arriving in a flashier car than the bride wasn't my finest move. **DP**



Audi A6 Avant

MILEAGE 3351

LAST SEEN 13.3.19

Modern diesels supposedly banished the black pump's hoary old truck-engine reputation long ago, but our Audi's 2.0 TDI stirs dormant recollections every time the stop-start function kicks in. The rattle and grumble as the motor restarts in traffic is a touch unseemly, while a cut-out of about 15 seconds makes it barely worth the bother. **DS**



Cupra Ateca

MILEAGE 3248

LAST SEEN 13.3.19

Click. Thwang. This is the sound of the Cupra's electronic parking brake button being depressed, followed by the grumpy, resonant twang of the brake shoes or pads (I'm not sure which, yet) freeing off if the Ateca has been parked up for a few (damp) days. They haven't stayed stuck on yet, but it's something I'll be keeping an eye on. **RB**

WHAT WE
ALMOST
BOUGHT
THIS WEEK



ROVER METRO

Casting around for a cheap future classic? An old Rover Metro like this 1995/M-reg 1.1 Rio 3dr with 18,000 miles and one lady owner from new looks to be worth a punt at £1490. It still wears its original numberplates and has an old tax disc in the window for that authentic look. Starts and drives perfectly, apparently. Queue this way, please.

What to buy, where to buy it and how much to pay



James Ruppert

THE HIGH PRIEST OF BANGERNOMICS



A 12-year-old Jetta 1.9 TDI, with a mere 244k miles, is £700

DIESEL BITES BACK

Ignore the flak: a used diesel saloon is a shrewd commuter car

Another week, yet another interesting conundrum. A youngster with a first car that is about to expire needs a solid motor to cope with their impressive weekly commute of 500 miles plus. The only issue is going to be the budget, which can't go beyond £2000. The dead commuter in question is a 2001 Renault Clio. So what should be next?

Well, insurance is always going to be an issue for a youngster, so it helps if the model is a little slow and dreary. Economy is also important because there is money to be spent on skinny jeans, burgers and mobile phone contracts. That puts diesel in the frame and this perfect storm means the Volkswagen Bora is the ideal set of post-teen wheels. I was rather taken with a £650 2001 1.9 TDI with a massive 179,000 miles, but the cambelt change happened 50,000 miles back, so it is probably due another in a year or two. One downside might well be that it is the Sport model. It isn't that sporty but it is in the description, so the insurance company may not like that.

Instead, let's spend a mere £995 and pick up a 2002 Bora 1.9 TDI SE with 128,000 miles. That should deliver a regular 50mpg. Decent spec, too. Or, if you want to be spoilt, a 2005 146,000-mile Bora 1.9 Highline with leather and the all-important full service history for just £1450.

Then there's a £700 2007 VW Jetta 1.9 TDI SE with 244,000 miles – a

part-exchange at a main dealer with a full history. Just a modern Bora with a better badge but, hey, look at that impressive mileage.

But enough about booty Golfs: what else is there?

As we are solidly in saloon territory and want reliability, then a 2003 Toyota Avensis 2.0 D-4D T Spirit with 155,000 miles at £999 could make sense. Oh, and it is a Spirit with leather, which is turning into

“
The Volkswagen Bora
is the ideal set of
post-teen wheels
”

something of a theme here with affordable oil-burning saloons.

Anyway, we have more reliability here in the shape of a Honda Accord 2.2 i-CDTi Executive. It's a 2004 car with 160,000 miles, 10 dealer stamps and, being an Executive, leather trim. All that for £1000.

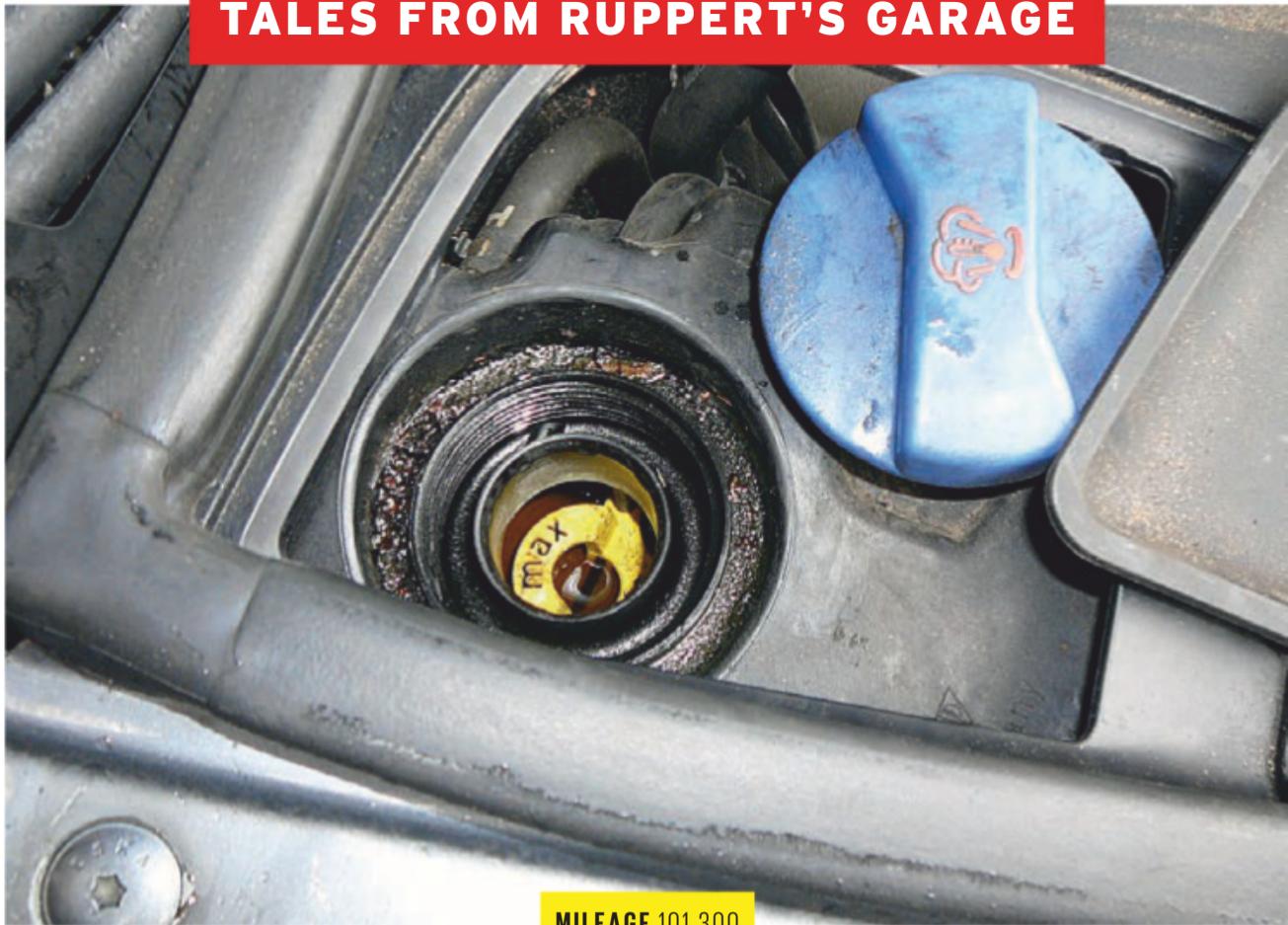
Then again, a more conventional and grown-up Clio would be a Renault Mégane. I was delighted to stumble across a 2005 1.5 dCi Expression with a mere 91,000 miles that should, according to the stats, return 60mpg. How much was that? £1190. That seems like great value and it was fashionably white as well.

So there you have it, kids. Ignore everything you may have been told about diesel: that they are bad and that saloons are stupid. No, these are the coolest commuters in the world.



You can bag a leggy 2.0 diesel Avensis for under a grand

TALES FROM RUPPERT'S GARAGE

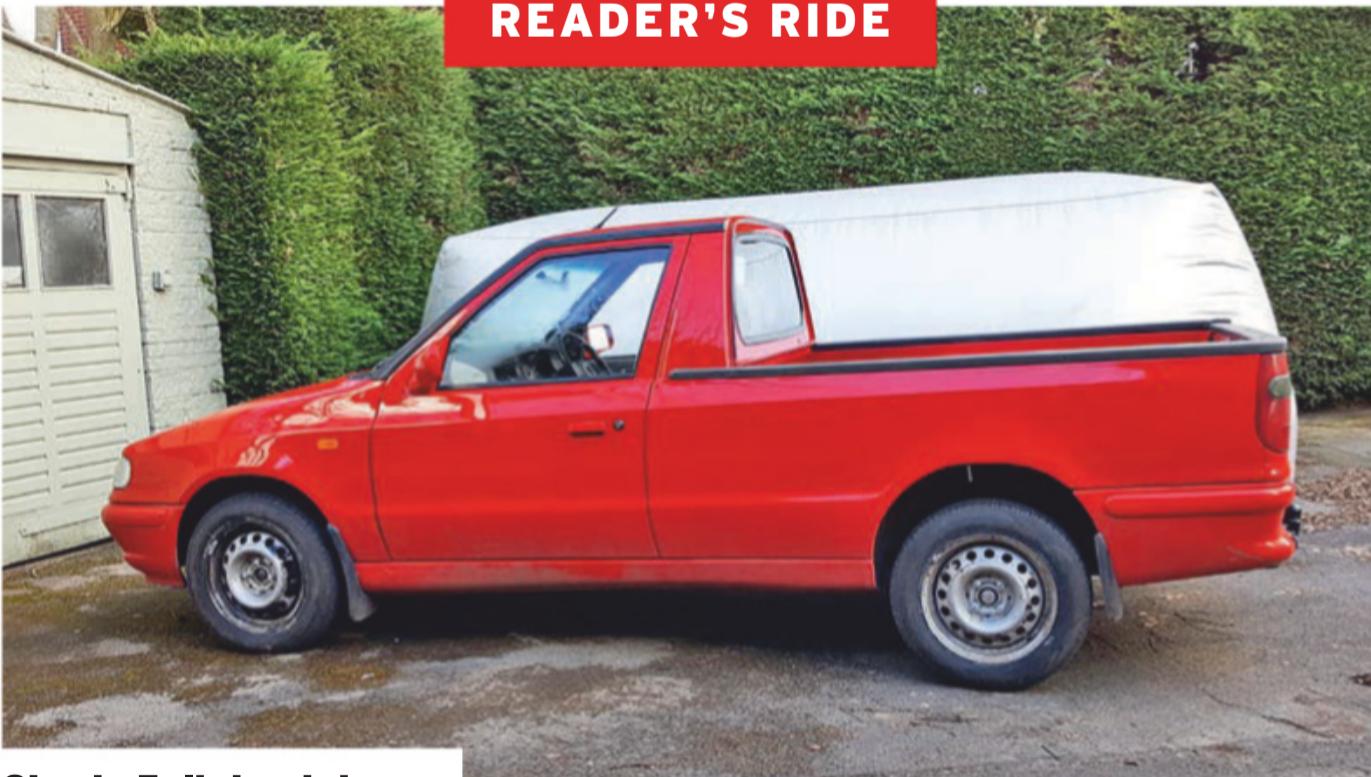


PORSCHE CAYENNE

When we had the impossibly expensive service, the garage did say that there were signs of coolant loss, but no obvious indication of where. Well, we may have to start removing layers of engine covers to see what may be going on.

I say this because Mrs R had to return to base minutes after leaving when the dashboard indicated that there was a coolant shortfall. And what a shortfall. The five-litre can wasn't full, but I did use a lot of litres in order to re-brim it. Fingers crossed that it is a weeping rubber hose rather than a breached block.

READER'S RIDE



Skoda Felicia pick-up

Roderick Ramage, a regular on these pages with his working vehicles, got in touch about his most recent utility vehicle: "In hindsight, I am a bit ashamed of the photo of my Volkswagen (actually a Skoda) pick-up,

which I sent to you earlier, with its alloys and lowered rear suspension. It now has proper steel wheels and original springs and, as this new photo shows, looks more ready for work than it did a few weeks ago."

READERS' QUESTIONS



QUESTION

Where can I discover a used car's MOT history easily and, above all, for free?

Stuart McNab, Dundee

ANSWER At gov.uk/check-mot-history you'll find everything you need to know about a car's MOT history since 2005. Things you'll discover include when it was tested, its mileage at the time, whether it passed or failed, what parts failed at each test and when its next test is due. It provides a valuable insight into a used vehicle whose history would otherwise be totally unknown to you. The data on advisories (faults not serious enough to cause the car to fail) is interesting for the insight it gives into how the vehicle was maintained. And, yes, it's free. **JE**



QUESTION

Is buying a used diesel a good idea now that the market seems to be turning its back on them?

G Parsons, via email

ANSWER Whether or not it's a good idea to buy a diesel depends entirely on your personal circumstances (what mileage you do, whether you tow, how heavy the car is and so on). An EU6 diesel (all diesels registered since 1 September 2015) is the best one to buy since it's future-proofed, at least for the time being, against inner-city clean air surcharges. If you're buying a diesel that's more than three years old, make sure it's MOTed first to establish that its emissions tech is functioning properly. **JE**

AS GOOD AS NEW

RANGE ROVER SPORT

This high performer is now half the price it was when new, says **Dan Prosser**

When Land Rover launched the second-generation Range Rover Sport to the world's automotive media, it did so with a lap of Wales and the Cotswolds, a spot of off-roading, a sprint through the woods along a gravel rally stage and – for no better reason than the decommissioned Boeing 747 sitting about and being put to no better use – a low-speed crawl through an old Jumbo Jet. We drove up one steep steel ramp and into the plane's fuselage, before inching tentatively along its length and dropping out of the nose down another sharply inclined ramp.

Launch routes don't get any more memorable. Everything was for a reason, though, because while the full-size L405 Range Rover that arrived a few months earlier would have felt unwieldy on those very narrow Welsh B-roads, far too heavy and much too tall for the quick dash along the rally track (which had no speed limits whatsoever) and very probably wouldn't have fitted inside the 747 at all, the smaller and more athletic Range Rover Sport felt right at home throughout. The message was clear: for those buyers who neither wanted nor needed anything as sizeable as a Range Rover, the alternative could be found just one door along.

That was in 2013. Six years later, the Range Rover Sport serves much the same purpose, being very nearly as luxurious as a Range Rover, almost as grand and just about as capable off road, but also nimbler,

easier to manoeuvre and much more usable in town. What's changed in that time is the money you'll pay to put one on your driveway.

When it was new, even the entry-level SE model with the least powerful engine in the range, a 255bhp turbodiesel V6, cost £60,000. Today, Land Rover dealerships are awash with used cars costing half that. With 50% of their original purchase price wiped off their values already, these cars will only depreciate at a gradual rate from now on. Spend closer to £40,000 and you'll pick up a 334bhp V8 diesel model in plush HSE Autobiography Dynamic trim, a car that would have cost more than £80,000 at launch.

The L494 Range Rover Sport was an enormous improvement over the original model with better ride and handling, a far superior automatic gearbox, a more modern interior and fresher styling. Whereas the first Range Rover Sport shared its underpinnings with the Land Rover

Discovery and so was a Range Rover in name only, the second-generation Sport does actually use the same platform as the top-of-the-line Range Rover. Mostly aluminium, it means the newer model is close to 200kg lighter than the old one.

Even today, Land Rovers have a reputation for patchy reliability. But buy an approved used Range Rover Sport within five years old and you will at least be covered by an unlimited mileage warranty and free European roadside assistance for two years. That's some comfort.

EXECUTIVE CARS BEST LEASE DEALS



BMW 520i M SPORT

£329 per month, £1975 deposit, 48 months, 8000 miles per year

Class-leading 5 Series majors on refinement and comfort, and with the optional adaptive dampers it delivers perhaps the smoothest ride in its category. Engines are punchy, refined and frugal, too.



AUDI A6 40 TDI SPORT

£315 per month, £1888 deposit, 48 months, 8000 miles per year

Having been replaced only last year, the Audi A6 is the youngest of the executive saloon bunch, and isn't shown up by its more mature rivals. In terms of cabin design and infotainment, the Audi leads the way.



MERCEDES-BENZ E220D AMG LINE

£356 per month, £2138 deposit, 48 months, 8000 miles per year

The Mercedes E-Class has a superb, tech-laden interior and an absorbent ride quality. The E220d uses Mercedes' latest diesel engine technology, meaning it's as refined as it is economical.



Model was a big all-round improvement on the original





NEED TO KNOW

- You'll need to manage your expectations on fuel economy. Being a large and relatively heavy car, even diesel models can be thirsty. Expect around 35mpg from V6 diesels and no more than 30mpg from the diesel V8.
- Land Rovers still present owners with mechanical and reliability faults far more often than they should. A What Car? survey found that 60% of diesel Range Rover Sports had suffered major issues. The two-year warranty will give a little peace of mind.
- Some owners report leaks from sunroofs and around the tailgate. Check closely for signs of water damage, or in the case of the tailgate even pooling water. You can expect a dealer to address such faults under warranty.

RANGE ROVER SPORT SDV8

OUR PICK
The model to look out for. Its turbodiesel V8 offers the best combination of performance and fuel economy. The smaller V6 diesels are more parsimonious, but don't quite deliver such effortless thrust.

RANGE ROVER SPORT 5.0 SUPERCHARGED

WILD CARD
It's unlikely you'll see more than 20mpg from the 503bhp 5.0-litre petrol V8, but it'll sound the business and go like stink. You'll not find an approved used one for less than £45,000.

ONES WE FOUND

- 2014 SE 3.0 TDV6, 56,000 miles, £31,000
- 2014 HSE 3.0 SDV6, 44,000 miles, £32,000
- 2014 Autobiography 4.4 SDV8, 55,000 miles, £39,000
- 2015 5.0 Supercharged, 42,000 miles, £46,000



Narrow enough to drive through a Jumbo. As you do



Range Rover levels of luxury and comfort? Check

**JAGUAR XF 2.0i PRESTIGE**

£324 per month, £1945 deposit, 48 months, 10,000 miles per year

Certain German rivals make its cabin feel old-hat and its engines uncivilised, but the XF leads on ride and handling. It's attractive, too, although you might prefer to wait six months for the facelifted model.

**VOLVO S90 T4 MOMENTUM**

£257 per month, £1539 deposit, 24 months, 10,000 miles per year

Stylish Swedish design combines a comfortable ride and a spacious interior. It's little wonder Volvo's latest executive car has so many admirers, not least our road testers who awarded it a four-star rating.

**JAGUAR F-PACE 2.0D PRESTIGE**

£400 per month, £2398 deposit, 48 months, 8000 miles per year

An SUV rather than a saloon, this is a left-field solution to the executive car conundrum. More expensive, too, although you gain a popular lofty seating position and a sizeable hatchback boot.

BUY THEM BEFORE WE DO



PROPER
OLD-SCHOOL
THRILLS



TVR Chimaera £13,995

For all their faults, a TVR still sets the pulse racing. Among the most plentiful is the Chimaera of 1993-2003. It started life powered by a choice of 4.0 and 4.3-litre V8 Rover engines. A high-compression version of the 4.0 replaced the 4.3 in 1994. The 5.0-litre Chimaera arrived in 1995. Then, in 1996, the 4.0 HC gave way to a 4.5, producing 285bhp. With all of them, power went to the rear

wheels through a five-speed gearbox.

The first major facelift was in 1996, when the Chimaera acquired a new Cerbera-like face with split intake design. Faired-in headlights and new tail-lights were adopted in 2001.

There are some choice Chimaeras in the classifieds but our eye was caught by a 1998/R-reg 4.5. It has done 71,000 miles and the service history goes back to 2004. (Why do people lose service histories?) It has

recently had a bundle of new parts fitted, including alternator, Bilstein rear shocks and carpets. The last MOT had no advisories.

So a good start, but before having it professionally inspected, we'd run a few checks. With the car on a ramp, examine its chassis for rusting outriggers, especially on the nearside. Check, too, that fresh Waxoyl isn't hiding anything.

With the car back on the floor,

fire up the engine, listening for a noisy timing chain. Turning to the suspension, push down the car at each corner, watching for it bouncing. Regarding the gearbox, changes should be smooth and precise. Fortunately, the later Borg Warner gearbox is a solid affair.

Check all the electrics work. ECU, battery and relays are all in the front passenger footwell and hellish messy to work on. Still keen? Have a go.



Audi RS3 £27,995

With 362bhp from its 2.5-litre engine, the 2015 RS3 gave the 355bhp Mercedes-AMG A45 such a fright that Mercedes quickly found another 21bhp for it. Face saved but the RS3 is still an exceptional drive and this 70,000-miler looks a fine example.



Infiniti Q30 £15,450

The Q30 is a pretty thing and this 2.0t Sport DCT with four-wheel drive takes a warmish 7.3sec to cover 0-62mph. It's a 2016-reg car with just 27,000 miles and full main dealer service history. Then again... a 2015 Ford Focus ST-2 is the same money.



Porsche 924 £5995

Car colour is a subjective thing but white suits the 924 of the 1980s, making it look clinical and efficient (read reliable and good fun). This one's a 1985/B-reg with 115,000 miles. It's the rare three-speed auto so chances are it was never thrashed.



Daihatsu Fourtrak £3495

And still old relics in good nick and with just one previous owner keep coming... This Fourtrak off-roader is a 2001 Y-reg 2.8 TDL Independent with a reasonable 96,000 miles. Unusually, it's not bashed about and has full service history.

AUCTION WATCH



LAMBORGHINI GALLARDO

Definition of courage: buying an elderly Gallardo E-gear at auction that hasn't been driven for seven years and has a "graunching" sound coming from the rear. The hammer fell at £51,940, low enough for an expert buyer to know they have a good margin for repairs.

The auto clutches and flywheel can let go at around 50,000 miles. Back at base, they'll be able to hook up the gearbox to a laptop and interrogate it for updates and the like. Underneath it all, the Gallardo's a tough old thing, so fingers crossed the bidder has bagged a bargain.

GET IT
WHILE
YOU CAN



Hyundai i30 N Performance Price new £29,495. Price now £24,995

"A fast, involving and likeable driver's car" was our verdict on the Hyundai i30 N Performance. So, new or used? We spotted a 2019/68-reg car with 2500 miles for £24,995, representing a saving of £4500 on the £29,495 on-the-road price. But then who pays full list price these days? The fact is, without leaving your chair, you can get a spanking new N Performance for £26,662, narrowing that nearly new saving to £1667. Still, it's enough to cover the insurance and a trip to the Nürburgring to stretch the 68-plater's legs. Used it is.

CLASH OF THE
CLASSIFIEDS

USED CAR DESK DOES BATTLE

BRIEF

Find me a seven-seat car with genuine third-row seat space for adults for £30,000.



Land Rover Discovery 4 3.0 SDV6 HSE £29,995

You may think this is here because of some Jaguar Land Rover fan-boying, but you'd be wrong. The Discovery 4 can genuinely house seven adults across all three rows because of its clever seat layout. And because it's huge. The one I found is a 2015 example in top-of-the-range HSE form with just 40k miles on it. Unlike the GL, this has all the off-road gubbins so it'll go anywhere. And when it can't go anywhere, there's the benefit of two years of warranty and breakdown cover included in the price, which you won't have with Mark's Merc. **MAX ADAMS**



Mercedes-Benz GL350 CDI AMG Sport £29,950

Short of buying anything based on a van, which is an unholy thought, or even worse an MPV, the only chance you have of carrying seven adults in a car of conspicuous quality and premium credentials is to get yourself inside a used GL, now known as the GLS and costing a fortune. This 2014 low-mileage car with full service history packs punchy performance, decent economy, a highly luxurious interior and a smooth ride, all for buttons. Oh, and seven very usable seats... **MARK PEARSON**

VERDICT



The Disco's two-year warranty simply reminds me what troublesome brutes they can be. Besides, the GL is sumptuous, even in its third row. The Merc it is! **JOHN EVANS**

HOW TO BUY A MERCEDES- AMG A45

A200 Turbo

Prices for the A45's 190bhp predecessor from 2005 start at £2000



A-CLASS ACT

Mercedes-Benz's hot hatch still isn't cheap, but depreciation has done its work.

As **John Evans** reports, bargains are relative at the posh end of the market

Six years since they first hit the road, the initial Mercedes-AMG A45s are beginning to look reasonably affordable. New and in standard trim, they were £37,845 – a huge number even for this hottest of hot hatches and one that quickly grew to £42,000 with options. Today, and thanks to depreciation, these first-generation cars start at £20,000.

We're not talking multi-owner, high-milers with flaky service histories, either. A surprising number are one- or two-owner cars, have done less than 40,000 miles and, depending on mileage, have the requisite five or six main dealer stamps in the service book.

Back in 2013, the A45's 355bhp 2.0-litre turbo petrol engine was the

talk of the town. Thanks to part-time, 4Matic all-wheel drive, it could use it, too, with the result that 0-62mph takes just 4.6sec. The seven-speed dual-clutch transmission with steering wheel-mounted paddles is a box of delights that can simulate double-declutching on downshifts and features three driving modes.

The exhaust has a flap for a fruitier rasp, or close it when you're feeling more chilled. Other goodies include lashings of carbonfibre trim, grippy sports seats, a sat-nav and climate control. Topping it all off is stiffened AMG suspension and a bodykit.

Those are the standard bits, but monied first-buyers thought nothing of splashing another £4000 or so on extras such as the AMG performance exhaust. Like all such adornments,

these depreciate faster than the car they're fitted to, but don't expect to pick up a loaded A45 for pennies: the right kit (the Aero pack is desirable) still commands a premium.

It was all going so well, and then in 2015 the 362bhp Audi RS3 arrived to embarrass the lesser-powered A45. Mercedes was forced to respond and three months later, in June 2015, it revealed the 2016 model-year A45 with 376bhp. In addition, it gained revised gear ratios, some aero tweakery and new driving modes. AMG Dynamic Plus joined the long options list bringing a locking diff for the front axle, adaptive damping and a none-too-subtle driving mode called Race.

A45 and RS3 each cost £40,000 new but, today, prices for a good,

2016-reg, 376bhp A45 start at around £27,000, while a good 2015-reg RS3 is around the £30,000 mark.

A few months later, Mercedes celebrated winning a second successive Formula 1 crown with the launch of the A45 Petronas 2015 World Champion Edition, complete with unique paint job and special trim. It cost £46,000, and today one with 12,000 miles is still £42,000.

During the six years it was on sale, the A45 proved to be a relatively durable motor. There are issues with early turbos and the dual clutch 'box, both easily resolved. Instead, the bigger problem is sorting the wrapped racers from the honest cars. A full Mercedes service history is a good place to start and if it's wearing budget rubber, walk away.



Interior is plush, but look out for wear and tear



It beats rival Audis and VWs, says Jackson

“During the six years it was on sale, the A45 proved to be a relatively durable motor”

HOW TO GET ONE IN YOUR GARAGE



An expert's view

COLIN JACKSON, FOUNDER AND MD, PROJECT THREE (P3AMG.CO.UK)

“Like all high-performance Mercedes, the A45 has very specific servicing requirements, so don't even think of treating it like a peasant treats his donkey – it simply won't stand for it. Vehicles fitted with the optional ASBO pack, officially known as Aero and comprising front winglets, rear winglets and a rear spoiler, seem to be popular. Personally, I like the stock, sleeper look. I've owned four of them and in my opinion it's leagues ahead of rival Audi and Volkswagen models.”

Buyer beware...

■ ENGINES

A full set of service stamps is a must-have. The turbochargers on early cars can be weak and several were replaced under warranty. They lack an anti-surge valve, meaning the pressure can only escape through the turbo impeller, causing it to wear prematurely. Get the turbo checked.

■ TRANSMISSION

This should be super-slick and on the downshift the exhaust should bark a naughty crackle. Mercedes did recall some for work on the DCT assembly.

■ BRAKES

The A45 is relatively light but heavy braking eats through discs and pads. Check them visually and through the car's on-board command system.

■ ELECTRICAL

Electrical issues are rare and if any surface, it may have been involved in a crash. Electrics can be very expensive to fix so, to be on the safe side, ask a garage with the right diagnostic tools to scan the car's ECU for faults.

■ BODY

Body rust should be non-existent. If the Aero kit is fitted, check it's original equipment and not a replica, which won't fit as well or last as long.

■ INTERIOR

The bucket seats are tight so the bolsters soon wear and look tatty. The cloth on the optional cloth and leather seats can hold stains, so avoid this

trim if you have young children. Some interiors are wrapped, and you wonder what damage they're hiding.

Also worth knowing

A standard-dress A45 is understated, which is why many first owners added options. Today, only those extras that can be seen and heard have any value. Chief among them are the Aero kit, panoramic glass sunroof and AMG Performance exhaust, although check it's not too noisy for you.

How much to spend

£20,000-£22,999

2013 to 14-reg cars with 35k-80k miles.

£23,000-£24,999

15-reg cars with around 40k miles.

£25,000-£27,999

Heavily specced, low-mileage 15-reg.

£28,000-£31,999

Lots more 10k to 30k-mile 16-reg cars.

£32,000-£34,999

Mix of low-mileage 16 and 17-reg cars.

£35,000-£37,999

17-reg and more 18-reg appearing.

£38,000-£42,000

Late-platers with huge specs plus limited editions including two 2016/16 Petronas 2015 WC Editions, one with 20k miles for £40,000 and another with 12k miles for £42k.



One we found

MERCEDES-AMG A45, 2013/63, 59K, £21,495

There's a sprinkling of nice A45s with full service history at this money, but this one stands out for its big spec (AMG Performance exhaust, Aero bodykit and upgraded sound system) and five Mercedes service stamps.

Elite Registrations

OPEN: MON-FRI 9AM-7PM, SAT 9AM-5PM, SUN 10AM-5PM

Tel: 01380 818181 elitereg.co.uk

All registrations are offered on a first come, first served basis. All are subject to VAT and the £80 Dept. for Transport transfer fee. Prices may fluctuate. See website for full terms. We have been trading for over 40 years. Write: P.O.Box 100, Devizes, Wiltshire, SN10 4TE

LI8 ABS	£750	M8 BAX	£950	G8 COL	£2100
53 ABT	£1500	N21 BBY	£850	N21 COL	£2300
G19 ABY	£950	P5 BEE	£1100	N23 COL	£1300
M21 ACE	£1100	BEK 2A	£2900	K54 COL	£950
M24 ACE	£950	M4 BEK	£1300	S200 COL	£950
S33 ACE	£850	BEK 4A	£3500	M21 COM	£1600
M24 ACY	£1300	23 BEN	£6100	M24 COM	£1300
M26 ACY	£750	M23 BEN	£1300	M21 COM	£750
L6 ADA	£850	N27 BEN	£1500	M21 COS	£1100
C6 ADC	£850	P27 BEN	£1400	N21 COS	£1300
MII ADE	£750	R23 BEV	£1400	M28 COS	£750
R10 ADM	£750	R27 BEV	£1100	N31 COS	£1200
M21 ADY	£750	X444 BEV	£850	N21 COS	£750
ADY 68D	£950	BF 5870	£1200	K13 COX	£850
DI AGD	£950	BIL 578	£1500	9055 CR	£1400
AI AHH	£1400	BIL 2795	£750	739 CUE	£850
T59 AJB	£850	600 BJ	£3200	I953 CW	£2900
N27 AJS	£750	BL 632	£3800	36 CY	£3400
M24 AJW	£850	E2 BMW	£1700	K5 DAF	£750
P9 ALF	£850	N90 BMW	£750	DAL 9E	£2700
G777 ALF	£750	43 BO	£4900	M31 DAS	£750
S90 ALY	£1300	5555 BO	£3300	N23 DAV	£850
C5 AMA	£950	N21 BOB	£1400	M66 DAV	£750
P21 AMA	£750	P21 BOB	£1400	M23 DAW	£750
E20 AMB	£750	P23 BOB	£1300	N21 DAY	£750
P28 AMG	£750	P24 BOB	£1200	2904 DD	£1600
N24 AMY	£1400	H9 BON	£850	P23 DEB	£1300
W444 AMY	£850	P21 BOX	£850	M24 DEB	£1400
H23 ANA	£850	P24 BOX	£750	M26 DEB	£1200
P27 ANA	£750	R6 BRY	£1200	DEE 2A	£3100
M25 AND	£750	LIO BRY	£850	A8 DEE	£2100
C15 ANG	£1700	C4 BUD	£1300	L9 DEE	£1800
N21 ANG	£1600	J2 BUL	£1400	M21 DEE	£1600
P25 ANG	£1400	M24 BUT	£850	N21 DEE	£1500
W444 ANG	£750	M28 BUT	£750	M24 DEE	£1400
P15 ANN	£1700	I985 CA	£2400	N24 DEE	£950
B17 ANN	£1800	CAK 8E	£1500	P99 DEE	£850
R21 ANN	£1800	CAR 8R	£2300	M29 DEL	£850
S27 ANN	£1600	M21 CAS	£850	DEN 14	£5700
774 ANN	£3500	M31 CAS	£750	J18 DEN	£1200
G15 ANS	£850	P23 CAT	£950	P24 DEN	£1200
M21 ANY	£750	D24 CAT	£1200	A77 DEN	£2100
5081 AP	£1400	P24 CAT	£1100	S123 DEN	£1100
APL 3Y	£850	M28 CAT	£1100	DES 2M	£1400
MI APR	£1200	CAT 55Y	£1500	X9 DES	£1100
M21 ARA	£750	X2 CAV	£850	M15 DES	£850
M21 ARC	£1300	DI CAY	£750	M24 EMA	£1100
C9 ARN	£1400	N21 CCO	£750	P700 DES	£750
P21 ART	£750	E2 CEE	£950	S26 EMA	£750
H888 ART	£850	M31 CER	£750	M28 GGS	£1200
L10 ARY	£850	M28 CEY	£950	I33 DFD	£1500
D14 ARY	£1300	786 CF	£3900	ER 342	£2700
E14 ARY	£750	M24 CHE	£750	102 DJ	£3900
M21 ARY	£850	AI CHH	£1700	926 ERC	£950
M21 ATH	£950	M31 CHL	£850	J11 DJS	£950
N21 ATT	£850	R88 CHL	£1900	N21 DJS	£750
N23 ATT	£750	M24 CJB	£750	SIII DNN	£1700
2440 AW	£2200	N7 CLK	£850	458 EVA	£2400
E3 AWB	£950	W8 CLK	£750	A16 EVE	£1300
40 AX	£3600	R99 CMC	£750	N21 EVE	£1500
T30 BAS	£750	B6 CMS	£750	N31 EVE	£1200
H4 BAX	£850	SI4 DOT	£750	M77 EVE	£750
D6 COB	£950	686 DOT	£1300	858 GOB	£950
234 EVE	£2500	858 GOB	£950	JAN 5IW	£1900
R28 JOY	£850	JAN 5IW	£1900	R28 JOY	£850

**SIMILAR REGISTRATIONS WANTED
FOR IMMEDIATE PURCHASE**

DI NEV	£1900	M21 RAM	£950	C9 RUD	£750
B8 NEV	£1400	NI RAS	£1600	N21 RUS	£950
1955 NJ	£1800	C008 RAS	£950	N24 RUS	£750
M21 NKY	£850	VI4 RAY	£1400	M29 RUS	£850
M31 NKY	£750	R27 RAY	£1500	M23 RYN	£750
M21 NNY	£2100	Y200 RAY	£950	B6 SAD	£750
M28 NNY	£950	RAY 57IM	£950	SAD 18E	£3600
RB 6542	£2600	RB 6542	£2600	N21 SAL	£1400
M31 NNY	£1900	84 RE	£4900	X541 SAL	£1300
M21 NOR	£850	E40 RED	£950	M26 SAM	£1900
M24 NOR	£850	REE 5A	£3700	MI23 SAM	£1500
M21 OLL	£750	W8 REE	£850	D515 SAM	£1500
OLL 77Y	£2100	P21 REE	£750	R45 SAN	£1900
D9 OLY	£1500	A25 REG	£950	H9 SAR	£1700
M21 OON	£750	M31 REL	£750	M23 SAR	£750
599 OS	£2900	P7 REN	£850	M24 SAR	£850
OSM 957	£1200	M21 REN	£1100	SBU 468	£750
OWD 250	£750	P21 REN	£750	LI2 SES	£850
PAG 63E	£850	H4 REW	£850	M21 SES	£750
E8 PAM	£1800	REW 945	£1300	SH 2408	£3900
S10 PAM	£1300	P12 PAM	£1300	M24 SHA	£1300
SII PAM	£1600	H6 REX	£1750	N24 SHA	£1100
VI3 PAM	£950	D7 REX	£850	N24 SHE	£1300
PAM 539	£2400	RFK 329	£950	LI SOF	£1000
PAN 661	£1600	9000 RJ	£2200	M21 SOM	£950
L99 PAR	£750	A19 RJM	£1750	M21 SOM	£1300
RLC 755	£1500	M21 SOM	£750	M21 SOM	£750
J5 PAS	£1300	PAT 3T	£2900	M24 RLY	£850
6344 MK	£1300	PAT 4IK	£1900	B12 RNY	£850
PAU 6L	£6900	D89 PAT	£950	D424 STE	£750
PAU 18A	£4900	K18 ROB	£1600	M21 STE	£750
PAU 48T	£1100	N21 ROB	£1500	M21 STU	£1500
PAU 98T	£1100	N23 ROB	£1400	M23 STU	£1300
PAU 21T	£750	PAU 6R	£1800	M24 STU	£1400
PAU 14A	£3100	ROD 5Y	£3100	M155 STU	£950
PAU 14A	£3100	ROD IIR	£1900	M31 STY	£850
PAU 14A	£3100	E34 RON	£1100	N21 SUE	£1800
PCW IJ	£850	RON 47A	£3700	N24 SUE	£1600
J66 RON	£1400	RON 47A	£3700	SUE 50M	£2300
P8 MRB	£1400	4498 PH	£1500	E5 ROO	£750
P8 MRB	£1400	6000 MO	£3200	E2 ROS	£1900
P8 MRB	£1400	MRP 403	£1700	M10 ROY	£1400
P8 MRB	£1400	7771 MT	£2200	T16 ROY	£1200
P8 MRB	£1400	30 PJJ	£4700	G6 SUT	£750
N7 NAD	£950	R09 9A	£3500	S24 ROY	£1300
N7 NAD	£950	88 PJJ	£4900	N99 ROY	£950
NAG 7V	£750	W17 ROS	£1750	N24 TAL	£750
H8 NAM	£2800	R65 ROS	£1200	N21 TAM	£750
R6 NAP	£850	POW III	£3300	N21 TAM	£750
NAS 2H	£3900	R6 NAP	£850	M10 ROY	£1400
J008 NAS	£1500	9900 PP	£2400	C1 SUS	£1700
NAT 8N	£3900	564 PPL	£850	D4 TAF	£1300
M27 NAT	£850				

ROAD TEST RESULTS

Facts, figures, from the best road tests

No one produces as thorough a judgement on a new car as Autocar. As well as acceleration, braking, fuel economy and noise tests, we carry out benchmark limit-handling tests, setting lap times if appropriate. But we don't just drive at the track, essential as it is for finding the limits of performance. We also drive on a wide range of roads. Where we have tested more than one model in a range, the rating is for the range overall. Where a model within the range meets our coveted five-star standard, it is highlighted in yellow.

» **30-70MPH** Indicates overtaking ability through the gears.

» **50-70MPH** Recorded in top gear (*kickdown



with an automatic) and demonstrates flexibility.

» **FUEL ECONOMY** Figures quoted are the average and touring fuel economy as tested. The touring figure is representative of a 70mph cruise on a typical UK motorway. For electric cars, the figures quoted are for the same average and touring test schedules but are expressed in miles per kWh[†].

**Denotes mpg (miles per kilogram) for hydrogen-powered fuel cell vehicles.

» **BRAKING 60-0MPH** Recorded on a high-grip surface at a test track.

» **MPH/1000RPM** Figure is the speed achieved in top gear.

ROAD TEST RESULTS

Make and model	Top speed	0-60mph	0-100mph	30-70mph	50-70mph	Braking 60-0mph	Power (bhp)	Torque (lb ft)	Mph/1000rpm	Mpg or equivalent/ test average/ touring	Weight (kg)	TEST DATE
FORD												
Fiesta 3/5dr hatch	122	9.6	28.1	9.6	13.2	3.2	123	125	29.3	42/52	1147	9.8.17
Fiesta ST 3/5dr hatch	144	6.6	16.2	5.7	6.4	2.7	197	214	26.0	38/48	1187	15.8.18
Focus 5dr hatch	158	8.9	22.8	7.8	10.0	2.35	180	177	26.9	30/44	1417	20.2.19
RS	165	5.3	13.9	5.3	6.9	3.5	345	325	27.3	28/37	1599	4.5.16
S-Max 5dr MPV	123	10.5	32.0	10.4	13.9	2.5	148	258	39.5	44/46	1725	26.8.15
Grand Tourneo Connect 5dr MPV	103	13.2	—	13.9	19.1	2.9	114	236	26.7	40/45	1785	6.8.14
Mondeo 4dr saloon/5dr/estate	130	10.0	28.8	9.4	12.7	3.1	148	258	38	53/56	1597	14.1.15
Mustang 2dr coupé	155	5.2	11.6	4.2	9.4	2.7	410	391	35.1	19/25	1720	24.2.16
Bullitt	155	5.2	11.2	4.1	10.7	2.7	453	390	37.4	21/33	1782	5.12.18
Ecosport 5dr SUV	99	14.3	—	15.2	14.4	2.7	89	151	28	39/48	1384	3.9.14
Kuga 5dr SUV	122	10.9	44.2	11.8	7.4	2.6	161	251	31.6	34/39	1707	13.3.13
Edge 5dr SUV	131	9.7	27.6	9.2	5.6*	2.6	207	332	37	36/39	1949	27.7.16
HONDA												
Civic 5dr hatch	126	7.8	19.3	7.0	8.7	2.7	180	177	26.6	39/49	1357	19.4.17
Civic Type R 5dr hatch	169	5.7	12.5	4.4	6.1	2.8	316	295	25.4	29/43	1380	25.10.17
Clarity FCV	104	9.0	29.2	8.3	5.3*	2.9	174	221	na	51/72**	1872	12.7.17
CR-V 5dr SUV	124	9.2	26.1	8.4	5.2*	3.3	190	179	39.5	32/38	1669	7.11.18
HR-V 5dr SUV	119	10.5	34.9	10.4	11.2	—	118	221	34.4	56/57	1324	16.9.15
NSX 2dr coupé	191	3.3	7.3	2.6	4.3	2.7	573	476	35.8	25/32	1725	5.10.16
HYUNDAI												
i10 5dr hatch	96	14.7	—	16.2	19.9	2.9	65	70	20.0	44/51	925	29.1.14
i20 5dr hatch	114	12.2	42.4	12.1	17.3	3.0	99	99	21.8	43/54	1060	7.1.14
i30 5dr hatch/estate	155	6.4	14.8	5.6	6.1	3.1	271	260	27.4	31/43	1478	27.12.17
i30N	129	9.5	28.9	9.7	10.9	2.7	138	178	28.1	39/49	1423	13.9.17
Kona Electric 5dr hatch	104	6.7	17.4	5.8	3.5*	3.1	201	291	—	3.7/4.0*	1734	31.10.18
Santa Fe 5dr SUV	127	9.3	26.4	9.8	—	2.78	197	325	40.2	38/51	2003	6.3.19
INFINITI												
Q30 5dr hatch	124	9.4	26.4	9.1	15.5	2.85	120	148	31.6	35/39	1436	17.2.16
Q50 4dr saloon	143	8.7	25.0	8.7	5.1*	3.0	168	295	42.5	49/59	1750	5.2.14
JAGUAR												
F-Type 2dr convertible/3dr coupé	186	4.0	9.4	3.4	8.0	2.8	488	460	46.8	19/29	1655	12.6.13
V6 S Coupé	171	4.9	12.1	4.2	12.7	2.7	375	339	36.2	24/33	1594	11.6.14
2.0 Coupé R-D	155	5.8	14.7	5.1	9.5	2.8	296	295	33.2	31/44	1640	22.11.17
XF 4dr saloon	136	9.4	26.1	9.0	16.1	2.9	178	317	44.1	47/56	1595	2.12.15
R-Sport 2.0	147	7.6	19.0	6.9	13.3	2.7	197	206	33.8	30/49	1530	1.7.15
XJ 4dr saloon	155	6.3	16.5	6.6	3.6*	2.7	271	443	43.5	28/36	1960	9.6.10
E-Pace 5dr SUV	127	9.9	30.9	10.5	14	3.6	178	317	45.8	36/49	1843	11.4.18
F-Pace 5dr SUV	129	9.2	30.9	9.7	7.4	—	178	317	41.3	37/40	1775	11.5.16
I-Pace 5dr SUV	124	4.5	11.0	3.5	2.0	2.8	394	512	—	1.8/2.4*	2133	12.9.18
JEEP												
Compass 5dr 4x4	110	11.0	39.0	11.4	10.9	2.8	138	258	34.2	38/45	1540	3.10.18
Renegade 5dr 4x4	113	10.8	37.6	11.2	10.0	3.5	138	258	34.0	41/53	1502	28.10.15
Cherokee 5dr 4x4	117	12.3	43.4	13.0	13.8	2.7	138	258	34.7	39/43	1846	24.6.14
KIA												
Stinger 4dr saloon	149	7.4	18.2	6.4	10.9	2.9	244	260	36.7	32/43	1717	25.4.18
Rio 5dr hatch	115	10.0	37.0	10.5	12.3	3.2	99	127	27.1	40/50	1228	1.3.17
Ceed 5dr hatch	119	9.9	30.8	9.6	15.3	2.9	113	207	41.4	50/70	1388	29.8.18
ProCeed 5dr shooting brake	127	9.5	30.9	9.7	13.6	2.7	138	441	49.5	49/59	1750	5.2.14
I-Pace 5dr SUV	124	4.5	11.0	3.5	2.0	2.8	394	512	—	1.8/2.4*	2133	12.9.18
LAND ROVER												
Discovery Sport 5dr SUV	149	7.4	18.2	6.4	10.9	3.4	254	443	37.1	26/34	2230	12.4.17
Range Rover 5dr SUV												

ROAD TEST RESULTS

Make and model	Top speed	0-60mph	0-100mph	30-70mph	50-70mph	Braking 60-0mph	Power (bhp)	Torque (lbft)	Mph/1000rpm	Mpg or equivalent; test average/touring	Weight (kg)	TEST DATE	Make and model	Top speed	0-60mph	0-100mph	30-70mph	50-70mph	Braking 60-0mph	Power (bhp)	Torque (lbft)	Mph/1000rpm	Mpg or equivalent; test average/touring	Weight (kg)	TEST DATE	Make and model	Top speed	0-60mph	0-100mph	30-70mph	50-70mph	Braking 60-0mph	Power (bhp)	Torque (lbft)	Mph/1000rpm	Mpg or equivalent; test average/touring	Weight (kg)	TEST DATE
LEXUS																																						
LC 2dr coupé ★★★★★	168	5.2	11.3	4.2	12.0	3.1	471	398	60.6	27/39	1970	18.10.17																										
LC500 Sport+	168	5.2	11.3	4.2	12.0	3.1	471	398	60.6	27/39	1970	18.10.17																										
NX 5dr SUV ★★★★★	300h	112	9.7	30.4	9.1	5.6*	2.7	194	na	—	32/38	1905	1.10.14																									
RC F 2dr coupé ★★★★★	RCF	168	4.8	10.7	3.9	12.9	2.9	471	391	39	24/28	1765	18.2.15																									
ES 4dr saloon ★★★★★	300h Takumi	112	8.7	21.8	7.6	4.6*	2.91	215	na	—	42/49	1742	6.2.19																									
LS 4dr saloon ★★★★★	500h Prem AWD	155	5.9	15.4	5.3	12.4	2.8	295	258	36.9	30/42	2380	6.6.18																									
LOTUS																																						
Elise 2dr roadster ★★★★★	Cup 250	154	4.7	11.9	4.5	7.2	2.5	243	184	24.7	27/32	920	29.6.16																									
Evora 2dr coupé ★★★★★	Evora S 2+0	172	4.5	11.3	4.0	6.8	2.4	345	295	34.8	21/26	1430	30.3.11																									
Exige S 2dr coupé ★★★★★	Exige S	170	4.1	9.6	3.7	5.5	2.5	345	295	27	21/30	1176	3.4.13																									
MASERATI																																						
Ghibli 4dr saloon ★★★★★	Diesel	155	6.5	17.2	6.0	5.1	2.7	271	443	43.3	31/40	1835	12.3.14																									
Levante 5dr SUV ★★★★★	Diesel	143	6.8	19.9	6.9	4.3	3.4	271	443	46	26/42	2205	30.11.16																									
MAZDA																																						
2 5dr hatch ★★★★★	1.5 Sky-V GSE	114	10.4	38.0	7.0	20.2	3.1	89	109	27.9	51/55	1050	22.4.15																									
3 5dr hatch ★★★★★	2.2SE-L	130	9.0	26.6	9.1	9.9	3.0	148	280	29.7	46/60	1470	4.12.13																									
6 4dr saloon/5dr estate ★★★★★	2.2 Sport Nav	139	7.9	21.2	7.1	7.9	2.7	173	309	35	44/56	1480	23.1.13																									
MX-5 2dr roadster ★★★★★	1.5 SE-L Nav	127	8.4	24.8	7.9	14.7	3.3	129	111	24.5	46/49	1050	2.9.15																									
CX-3 5dr SUV ★★★★★	1.50 SE-L Nav	110	10.3	34.7	10.3	10.3	—	104	199	34.8	59/60	1275	22.7.15																									
CX-5 5dr SUV ★★★★★	2.2D Sport Nav	127	9.4	26.3	9.1	10.4	3.0	148	280	37.0	43/53	1594	28.6.17																									
MCLAREN																																						
570S 2dr coupé ★★★★★	3.8 V8	204	3.1	6.4	2.2	10.2	2.6	562	443	36.5	23/37	1440	30.3.16																									
720S 2dr coupé ★★★★★	4.0 V8	212	2.9	5.6	2.0	7.7	2.4	710	568	35.4	19/24	1420	24.5.17																									
Senna 2dr coupé ★★★★★	4.0 V8	208	3.1	5.5	1.9	8.0	2.4	789	590	35.7	16/25	1345	10.10.18																									
P1 2dr coupé ★★★★★	P1	217	2.8	5.2	2.2	6.0	2.3	903	664	36.0	19.6/—	—	7.5.14																									
MERCEDES-AMG																																						
C63 4dr saloon ★★★★★	C63	155	4.4	9.7	3.4	7.5	2.7	469	479	38.1	19/25	1715	3.6.15																									
C63 S C-vertible 155	4.6	10.2	3.4	7.1	2.7	503	516	35.6	21/27	1850	8.2.17																											
CLS53 4dr saloon ★★★★★	CLS53 4Matic+	155	4.3	10.3	3.7	9.1	2.7	429	384	43.8	31/39	1980	17.10.18																									
GT 2dr coupé ★★★★★	S	193	3.6	7.8	2.8	5.5	2.5	503	479	34.7	20/29	1715	29.7.15																									
GT 4-Door Coupé 4dr coupé ★★★★★	R	198	3.6	7.3	2.7	4.6	2.4	577	516	30.7	19/23	1555	10.5.17																									
SLC 2dr convertible ★★★★★	GT63 4Matic+	193	3.3	7.7	2.7	10.7	2.8	577	590	42.6	22/30	2135	13.3.19																									
SLC43 4dr ★★★★★	SLC43	155	5.5	12.3	4.2	12.7	3.0	362	384	40.4	27/33	1595	6.7.16																									
GLC 5dr SUV ★★★★★	GLC63 S 4Matic+	155	3.7	8.9	3.2	15.4	2.8	503	516	43.4	19/26	2020	13.6.18																									
MERCEDES-BENZ																																						
A-Class 5dr hatch ★★★★★	A200 Sport	139	8.7	22.4	7.9	—	3.2	161	184	33.6	39/57	1379	4.7.18																									
B-Class 5dr MPV ★★★★★	B200 CDI Sport	130	9.4	28.8	9.6	11.9	2.7	134	221	37.8	20/52	1495	29.2.12																									
C-Class 4dr saloon/5dr estate ★★★★★	C220 Bluetec	145	8.1	22.9	8.1	11.7	2.8	168	295	42.4	41/51	1700	23.7.14																									
CLA 4dr saloon/5dr estate ★★★★★	220 CDI Sport	143	8.3	23.1	8.0	4.8	2.9	168	258	37.3	44/54	1525	26.6.13																									
200 CDI S/TS/Brk134 10.1	200 CDI S/TS/Brk134	10.1	29.7	9.6	11.9	3.4	134	221	33.5	53/59	1555	18.11.15																										
E-Class 4dr saloon/5dr estate/2dr convertible/2dr coupé ★★★★★	E400 Coupé	155	5.6	13.4	4.9	14.8	2.9	328	354	46.7	30/39	1845	14.6.17																									
S-Class 4dr saloon/2dr coupé ★★★★★	S350 Bluetec	155	7.3	19.0	6.8	3.9*	2.7	255	457	45.6	34/44	1975	16.10.13																									
S63 AMG Coupé 155	S63 AMG Coupé	155	4.5	9.6	3.4	6.8	2.7	577	664	42.8	22/25	2070	3.12.14																									
GLA 4dr ★★★★★	GLA200 CDI SE	134	8.1	23.8	7.8	4.7	2.6	168	258	36.4	40/48	1535	14.5.14																									
GLC 5dr SUV ★★★★★	GLC250d	143	7.8	23.5	7.8	15.7	3.2	201	369	46.9	39/43	1845	10.2.16																									
GL 5dr SUV ★★★★★	GL350 AMG Sp't 137	8.3	24.8	8.2	5.0*	2.6	255	457	37.7	28/33	2455	24.7.13																										
X-Class 4dr pick-up ★★★★★	X250d 4Matic	109	11.2	38.9	11.6	—	3.2	187	332	31.3	27/36	2159	20.6.18																									
SL 2dr convertible ★★★★★	SL500	155	4.3	9.9	3.6	6.5	2.7	429	516	39.6	10/24	1815	8.8.12																									
<b																																						

Q.

ARE YOU LOOKING
FOR TAILORED
VEHICLE FINANCE?

A.

ORACLE FINANCE WILL
WORK HARD TO TAILOR
A SOLUTION JUST FOR YOU.



Talk to Oracle Finance today about funding your
dream car on 0330 838 7461. oraclefinance.co.uk



feefo^{eo}

★★★★★
4.9 Star Rating Overall

ORACLE[®]

F I N A N C E

THE ALTERNATIVE TO DEALERSHIP FINANCE

Please note: we are a credit broker and not a lender. This means we act independently through a wide range of lenders to offer a broad and competitive choice of products and solutions. Oracle Asset Finance is not affiliated to any motor manufacturer. Please contact us for an individual quotation on any prestige or sports car. Finance & terms are subject to status. UK residents only. Oracle Asset Finance Limited is authorised and regulated by the Financial Conduct Authority for the sale of consumer credit. Calls will be charged at your standard network rate.

XAM IS
£1,295!!

SILVERSPEED

Dealers in quirky cars and great plates at realistic prices

We only sell plates we own. Good old fashion service. Been in the business 25 years.
Tel 07961 808069 • Email alspeed@live.co.uk

REWARD I NEED A
2 CHARACTER PLATE
FOR CASH
Example like M6 or 4A
Urgent private sellers
please call!!!

REN POA	250M £36,995	6 TY £16,995	MUS55A £14,995	I VDN £13,995	I VTV £ 13,995	I CNH £13,995
5 XH £13,995	7PU £12,995	I HXA £7,995	I YYG £7,995	FXN I £7,995	3 AKE £ 7,995	2 CNH £3,995
3 AKU £5,995 (Baku)	III OV £5,995 (Looove)	101 AE £5,995	50 EU £4,495 (brexit plate)	XAM IS £1,295	250 O sold for £518,000* 250 L sold for £130,328* *info from Dvla sale prices	(CNH pair £14,995)
YOU63F (Yousef) £5,995	YOU 55 £3,995	5 GKY £2,995	7 HXY £2,695	8 KYU £2,495	80 XYX £1,895	88 LXK £1,395
VET ID £4,995	92 VAN £3,695	10 YV £2,995	747 OYE £2,695	GADIX £2,495	200 OEX £1,795	88 UXY £1,395
41 HU £4,995	4 NJY £3,495	TOPIK £2,995	8 VJY £2,695	III UVY (Luvie) £1,995	66 NRY (Henry) £1,695	88 YHP £1,295
8070X (Botox) £4,995	3 OJX £3,495	YOUIG £2,995	6 UYG £2,695	P7 EYA (Playa) £1,995	37 DCY £1,695	66 GKY £1,295
44 XAM £3,995	4 LXA £3,495	UMAIA £2,995	BOXON (Boxon) £2,695	44 OAY £1,895	50 XES £1,695	22 VSY £1,395
8 OXV £3,995	444XAA £2,995	8 XEU £2,695	OOXIE £2,695	60 XKY £1,895	88 HXE £1,695	600 VUY £1,395
						VI JCE £1,295
						KU1166 £495

NEW CARS A-Z

For full reviews of every car listed here, visit our website, autocar.co.uk

TO

ECONOMY EXPLAINED

Between the various figures produced on the old-style 'NEDC', transitional 'NEDC correlated' and new-style 'WLTP' lab emissions and fuel economy tests, it's become tricky to compare manufacturers' claimed efficiency on the latest new cars. When you see a fuel economy and CO₂ figure reference elsewhere, it's often without explanation.

So, to provide as fair and clear a basis for comparison as possible, you'll only ever read 'WLTP combined' fuel economy and CO₂ figures in Autocar's first drive reviews, features and comparison tests – and on these data pages. Those are the aggregated result of four lab tests carried out across as many different cruising speed ranges – although they're sometimes expressed as a range rather than as one specific figure to show the different results recorded by the heaviest and lightest available examples of the car in question (depending on optional equipment). Not all car makers have published these figures yet, however.

In road tests, you'll also see our own independently produced real-world fuel economy test results for comparison with the lab test claims. We produce an 'average', 'track' and 'touring' figure for each car we test – as often as possible on a brim-to-brim test basis. While 'average' represents the overall economy returned by a new car over a full road test, and 'track' is relevant only to intensive performance testing (the length and conditions of which can vary slightly), 'touring' gives the best guide of the kind of economy you might see from a car at a steady 70mph UK motorway cruise.

We do real-world efficiency and range testing on electric cars, too, expressing the former in terms of miles per kilowatt hour, as EV manufacturers do increasingly widely by convention.

STAR RATINGS EXPLAINED

- ★★★★★ Inherently dangerous/unsafe. Tragically, irredeemably flawed.
- ★★★★★ Appalling. Massively significant failings.
- ★★★★★ Very poor. Fails to meet any accepted class boundaries.
- ★★★★★ Poor. Within acceptable class boundaries in a few areas. Still not recommendable.
- ★★★★★ Off the pace. Below average in nearly all areas.
- ★★★★★ Acceptable. About average in key areas, but disappoints.
- ★★★★★ Competent. Above average in some areas, average in others. Outstanding in none.
- ★★★★★ Good. Competitive in key areas.
- ★★★★★ Very good. Very competitive in key areas, competitive in secondary respects.
- ★★★★★ Excellent. Near class-leading in key areas and in some ways outstanding.
- ★★★★★ Brilliant, unsurpassed. All but flawless.

Power (kW)
Top speed (mph)
0-60/62mph
Economy (mpg)
CO₂ (g/km)

AARTH

595 3dr hatch/2dr open £16,130-£21,430 ★★★★★

The Fiat 500's Abarth makeover makes it a true pocket rocket. **LxWxH** 3657x1627x1485 **Kerb weight** 1070kg

1.4 T-jet 145	143	130	7.8	37.2	134
1.4 T-jet 160 Trofeo	157	135	7.4	35.3	134
1.4 T-jet 165 Turismo	162	135	7.3	38.2	139
1.4 T-jet 180 Competizione	177	140	6.9	36.2	155

695 3dr hatch/2dr open £23,530 ★★★★★

A convincing track-day 500 with decent dynamic ability, but overly firm ride spoils it. **LxWxH** 3657x1627x1485 **Kerb weight** 1045kg

1.4 T-jet 180 Rivale	177	140	6.7	36.2	155
----------------------	-----	-----	-----	------	-----

124 Spider 2dr open £29,775-£33,775 ★★★★★

Only a mildly upgraded version of the standard car – but what a revelation it is. **LxWxH** 4054x1740x1233 **Kerb weight** 1060kg

1.4 T-jet 170	167	142-144	6.9	TBC	148-153
---------------	-----	---------	-----	-----	---------

ALFA ROMEO

Mito 3dr hatch £15,505-£21,385 ★★★★★

Likeable, good-looking hatch is practical, too, but dynamic flaws make it an also-ran. **LxWxH** 4063x1720x1446 **Kerb weight** 1080kg

0.9 TB Twinair 105	103	114	11.4	TBC	TBC
1.4 TB Twinair 170	167	136	7.3	TBC	TBC
1.3 JTDM-2 95	93	112	12.5	TBC	TBC

Giulietta 5dr hatch £19,750-£25,850 ★★★★★

Long in the tooth but still seductive, shame it's not rounded or lavish enough. **LxWxH** 4351x1798x1465 **Kerb weight** 1305kg

1.4 TB 120	118	121	9.4	36.2	164
1.6 JTDM-2 120	148	121	10.0	49.6	123-125

Giulia 4dr saloon £33,190-£62,500 ★★★★★

Handsome and special dynamically but lacks finesse and only comes as an auto. **LxWxH** 4643x1860x1436 **Kerb weight** 1429kg

2.0 Turbo Petrol 200	197	146	6.6	36.2	153
2.0 Turbo Petrol 280	276	149	5.7	33.6	158
2.2 Turbo Diesel 160	158	137	8.2	53.3	128
2.2 Turbo Diesel 190	187	143	7.1	52.3	128
2.9 BiTurbo Quadrifoglio	503	191	3.9	TBC	TBC

Stelvio 5dr SUV £34,035-£69,500 ★★★★★

Alfa's first SUV is a solid effort. Choosing the petrol version gives it charisma. **LxWxH** 4687x1903x1671 **Kerb weight** 1604kg

2.2 Turbo Diesel 190	187	130	7.6	46.3	138
2.2 Turbo Diesel 190 Q4 AWD	187	130	7.6	44.1	147
2.2 Turbo Diesel 210 Q4 AWD	207	134	6.6	43.5	147
2.0 Turbo 200 Q4 AWD	197	134	7.2	30.4	176
2.0 Turbo 280 Q4 AWD	276	143	5.7	30.4	175
2.9 BiTurbo Quadrifoglio	503	197	3.8	TBC	TBC

4C Spider 2dr open £69,835 ★★★★★

It may be flawed but it's rewarding to drive, if not the last word in finesse. **LxWxH** 3989x1864x1183 **Kerb weight** 934kg

1.75 TBI 240	236	160	4.5	TBC	TBC
--------------	-----	-----	-----	-----	-----

ALPINE

B3 S 4dr saloon/5dr touring £62,000-£63,000 ★★★★★

Previously falling behind in the power stakes, but the recent facelift rectifies that. **LxWxH** 4632x1811x1431 **Kerb weight** 1705kg

3.0 BiTurbo	433	188-190	4.3	TBC	TBC
-------------	-----	---------	-----	-----	-----

B4 S 2dr coupé/open £73,100-£78,600 ★★★★★

A refined version of the 4 Series that feels more at home on the track than the road. **LxWxH** 4640x1825x1373 **Kerb weight** 1690kg

3.0 BiTurbo	433	189-190	4.2-4.3	TBC	TBC
-------------	-----	---------	---------	-----	-----

B5 4dr saloon/5dr touring £89,000-£91,000 ★★★★★

Is it the best alternative to an M5? Yes, at least from a practicality viewpoint. **LxWxH** 4956x1868x1466 **Kerb weight** 2015kg

4.4 V8 BiTurbo	599	200-205	3.5-3.7	TBC	TBC
----------------	-----	---------	---------	-----	-----

B7 4dr saloon £115,000 ★★★★★

A 7 Series with a power boost gives BMW a worthy challenger to the AMG S-Class. **LxWxH** 5250x1902x1491 **Kerb weight** 2060kg

4.4 V8 BiTurbo	599	205	4.2	TBC	TBC
----------------	-----	-----	-----	-----	-----

ABARTH

595 3dr hatch/2dr open £16,130-£21,430 ★★★★★

The Fiat 500's Abarth makeover makes it a true pocket rocket. **LxWxH** 3657x1627x1485 **Kerb weight** 1070kg

1.4 T-jet 145	143	130	7.8	37.2	134
1.4 T-jet 160 Trofeo	157	135	7.4	35.3	134
1.4 T-jet 165 Turismo	162	135	7.3	38.2	139
1.4 T-jet 180 Competizione	177	140	6.9	36.2	155

695 3dr hatch/2dr open £23,530 ★★★★★

A convincing track-day 500 with decent dynamic ability, but overly firm ride spoils it. **LxWxH** 3657x1627x1485 **Kerb weight** 1045kg

1.4 T-jet 180 Rivale	177
<td

	Power (kW)	Top speed (mph)	0-60/0-96km/h	Economy (mpg)	CO ₂ (g/km)
2.0 40 TDI	201	149	8.3	TBC	TBC
2.0 40 TDI quattro	201	150	7.8	TBC	TBC
3.0 50 TDI quattro	282	155	5.7	TBC	TBC

A7 Sportback 5dr coupe £46,250–£76,455 ★★★★☆

Easy on the eye and to live with, but let down by stolid dynamics. **LxWxH** 4969x1908x1422 **Kerb weight** 1880kg

	Power (kW)	Top speed (mph)	0-60/0-96km/h	Economy (mpg)	CO ₂ (g/km)
2.0 45 TFSI quattro	242	155	6.2	TBC	TBC
3.0 55 TFSI quattro	335	155	5.3	TBC	TBC
2.0 40 TDI	201	152	8.3	TBC	TBC
2.0 40 TDI quattro	201	155	7.0	TBC	TBC
3.0 45 TDI quattro	227	155	6.5	TBC	TBC
3.0 50 TDI quattro	282	155	5.7	TBC	TBC

A8 4dr saloon £68,755–£78,545 ★★★★☆

Technical tour de force benefits from Audi's knack of making very good limousines. **LxWxH** 5172x1945x1473 **Kerb weight** 1920kg

	Power (kW)	Top speed (mph)	0-60/0-96km/h	Economy (mpg)	CO ₂ (g/km)
3.0 55 TFSI quattro	335	155	5.6	TBC	TBC
3.0 55 TFSI quattro LWB	335	155	5.7	TBC	TBC
3.0 50 TDI quattro	282	155	5.9	TBC	TBC
3.0 50 TDI quattro LWB	282	155	5.9	TBC	TBC

Q2 5dr SUV £22,960–£37,375 ★★★★☆

Audi's smallest SUV is a decent stepping stone from the A3 to the Q range. **LxWxH** 4191x1794x1508 **Kerb weight** 1205kg

	Power (kW)	Top speed (mph)	0-60/0-96km/h	Economy (mpg)	CO ₂ (g/km)
1.0 30 TFSI	114	122	10.3	TBC	TBC
1.5 35 TFSI	148	131	8.5	TBC	TBC
2.0 40 TFSI quattro	187	141	6.5	TBC	TBC
2.0 SQ2 TFSI	298	155	4.8	TBC	TBC
1.6 30 TDI	114	122	10.5	TBC	TBC

Q3 5dr SUV £30,770–£47,075 ★★★★☆

Typically refined and competent but feels more like an A3 than an Audi SUV. **LxWxH** 4388x1831x1608 **Kerb weight** 1385kg

	Power (kW)	Top speed (mph)	0-60/0-96km/h	Economy (mpg)	CO ₂ (g/km)
1.5 35 TFSI	148	128-131	9.2-9.6	TBC	TBC
2.0 40 TFSI quattro	187	136	7.4	TBC	TBC
2.0 45 TFSI quattro	227	144	6.3	TBC	TBC
2.0 35 TDI	148	128	9.2	TBC	TBC
2.0 35 TDI quattro	148	131	9.3	TBC	TBC
2.0 40 TDI quattro	188	137	8.0	TBC	TBC

Q5 5dr SUV £41,200–£51,955 ★★★★☆

Appealing combination of Audi allure, affordable SUV practicality and attractiveness. **LxWxH** 4663x1893x1659 **Kerb weight** 1720kg

	Power (kW)	Top speed (mph)	0-60/0-96km/h	Economy (mpg)	CO ₂ (g/km)
2.0 45 TFSI quattro	242	147	6.4	TBC	TBC
2.0 40 TDI quattro	187	136	8.1	TBC	TBC

Q7 5dr SUV £53,250–£80,095 ★★★★☆

Unengaging to drive and light on feel, but the cabin is both huge and classy. **LxWxH** 5052x1968x1740 **Kerb weight** 2060kg

	Power (kW)	Top speed (mph)	0-60/0-96km/h	Economy (mpg)	CO ₂ (g/km)
3.0 V6 45 TDI quattro	228	142	7.3	TBC	TBC
3.0 V6 50 TDI quattro	282	152	6.3	TBC	TBC

Q8 5dr SUV £65,970–£83,790 ★★★★☆

Striking and effective coupe-SUV range-topper leaves us wanting more. **LxWxH** 4986x1995x1705 **Kerb weight** 2145kg

	Power (kW)	Top speed (mph)	0-60/0-96km/h	Economy (mpg)	CO ₂ (g/km)
3.0 V6 55 TFSI quattro	335	155	5.9	31.0-31.7	TBC
3.0 V6 45 TDI quattro	228	144	7.1	42.2-44.1	TBC
3.0 V6 50 TDI quattro	282	152	6.3	TBC	TBC

TT 2dr coupé £32,105–£46,765 ★★★★☆

Still serves up plenty of pace, style and usability for the money. It's better to drive, too. **LxWxH** 4191x1966x1376 **Kerb weight** 1365kg

	Power (kW)	Top speed (mph)	0-60/0-96km/h	Economy (mpg)	CO ₂ (g/km)
2.0 40 TFSI	194	155	6.6	TBC	TBC
2.0 45 TFSI	242	155	5.8-5.9	TBC	TBC
2.0 45 TFSI quattro	242	155	5.2	TBC	TBC
2.0 TTS	302	155	4.5	TBC	TBC

TT Roadster 2dr open £33,855–£48,516 ★★★★☆

Plenty of pace and driver reward, along with prestige and design-icon style. **LxWxH** 4191x1966x1355 **Kerb weight** 1455kg

	Power (kW)	Top speed (mph)	0-60/0-96km/h	Economy (mpg)	CO ₂ (g/km)
2.0 40 TFSI	194	155	6.9	TBC	TBC
2.0 45 TFSI	242	155	6.0-6.1	TBC	TBC
2.0 45 TFSI quattro	242	155	5.5	TBC	TBC
2.0 TTS	302	155	4.8	TBC	TBC

R8 2dr coupé £112,520–£141,200 ★★★★☆

Usable but no less involving or dramatic for it. V10 is deliciously brutal. **LxWxH** 4426x1940x1240 **Kerb weight** 1590kg

	Power (kW)	Top speed (mph)	0-60/0-96km/h	Economy (mpg)	CO ₂ (g/km)
5.2 V10 FSI RWS	532	198	3.7	TBC	TBC
5.2 V10 FSI quattro	532	198	3.5	TBC	TBC
5.2 V10 FSI Plus quattro	601	205	3.2	TBC	TBC

R8 Spyder 2dr open £121,210–£149,890 ★★★★☆

Taking the roof off the R8 enhances the drama tenfold. **LxWxH** 4426x1940x1245 **Kerb weight** 1680kg

	Power (kW)	Top speed (mph)	0-60/0-96km/h

	Power (kW)	Top speed (mph)	0-60/62mph	Economy (mpg)	CO ₂ (g/km)
xDrive30d	254	143	6.7	32.5-33.6	TBC
xDrive40d	308	146	5.8	32.5-33.2	TBC
M50d	375	155	5.2	29.4-30.1	TBC

	Power (kW)	Top speed (mph)	0-60/62mph	Economy (mpg)	CO ₂ (g/km)
i3 5dr hatch	£35,180-£37,670				★★★★★
Our favourite high-end small car happens to be an EV, and it could change motoring. LxWxH 3999x1775x1578 Kerb weight 1245kg					
120Ah	167	93	7.3	TBC	0
120Ah S	180	99	6.9	TBC	0

	Power (kW)	Top speed (mph)	0-60/62mph	Economy (mpg)	CO ₂ (g/km)
i8 2dr coupé/roadster	£114,935-£126,935				★★★★★
If BMW's plug-in hybrid is what the future of the sports cars looks like, we welcome it. LxWxH 4689x1942x1293 Kerb weight 1405kg					
1.5 eDrive	374	155	4.4-4.6	128.4	TBC

CADILLAC

	Power (kW)	Top speed (mph)	0-60/62mph	Economy (mpg)	CO ₂ (g/km)
CTS-V 4dr saloon	£85,428				★★★★★
Eat your heart out, Germany - but lacks handling finesse of its European rivals. LxWxH 5050x1863x1447 Kerb weight 1850kg					
6.2 V8 RWD	640	199	3.7	TBC	TBC

	Power (kW)	Top speed (mph)	0-60/62mph	Economy (mpg)	CO ₂ (g/km)
Escalade 5dr SUV	£93,260				★★★★★
Cadillac's luxury SUV remains too large and ungainly for the UK. LxWxH 5179x2061x1896 Kerb weight 2635kg					
6.2 V8 AWD	420	112	6.7-6.9	TBC	TBC

CATERHAM

	Power (kW)	Top speed (mph)	0-60/62mph	Economy (mpg)	CO ₂ (g/km)
Seven 2dr open	£26,490-£53,885				★★★★★
The 360 is the sweet spot in the revised range, giving the Seven just the right hit of performance. LxWxH TBC Kerb weight 490kg					
1.6 Sigma Ti-VCT 270	135	122	5.0	TBC	TBC
1.6 Sigma Ti-VCT 310	152	127	4.9	TBC	TBC
2.0 Duratec 360	180	130	4.8	TBC	TBC
2.0 Duratec 420	210	136	3.8	TBC	TBC
2.0 Supercharged 620S	310	145	3.4	TBC	TBC
2.0 Supercharged 620R	310	155	2.79	TBC	TBC

CHEVROLET

	Power (kW)	Top speed (mph)	0-60/62mph	Economy (mpg)	CO ₂ (g/km)
Camaro 2dr coupé/convertible	£35,770-£47,850				★★★★★
An affordable American muscle car, but LHD only and less usable and unrefined. LxWxH 4784x1897 Kerb weight 1539kg					
2.0 Turbo	268	149	5.9-6.1	TBC	TBC
6.2 V8	446	155-180	4.4-4.8	TBC	TBC

	Power (kW)	Top speed (mph)	0-60/62mph	Economy (mpg)	CO ₂ (g/km)
Corvette 2dr coupé/open	£72,945-£100,305				★★★★★
LHD only and less usable and less able than rivals, but disarming and inimitable. LxWxH 4492x1872x1239 Kerb weight 1539kg					
6.2 V8	459	180	4.1-4.2	TBC	TBC
6.2 V8 Z06	650	196	3.7-3.8	TBC	TBC

CITROËN

	Power (kW)	Top speed (mph)	0-60/62mph	Economy (mpg)	CO ₂ (g/km)
C-Zero 5dr hatchback	£20,520				★★★★★
Well-engineered electric city car, but too expensive and lacks the range of rivals. LxWxH 3475x1475x1600 Kerb weight 1120kg					
Electric	64	80	15.9	TBC	0

	Power (kW)	Top speed (mph)	0-60/62mph	Economy (mpg)	CO ₂ (g/km)
C1 3dr hatch/5dr hatch	£9635-£14,105				★★★★★
Slightly cheaper than its Toyota sibling but less visually charming. LxWxH 3455x1615x1460 Kerb weight 865kg					
1.0 VTi 72	71	99	12.6	TBC	TBC

	Power (kW)	Top speed (mph)	0-60/62mph	Economy (mpg)	CO ₂ (g/km)
C3 5dr hatchback	£12,145-£18,835				★★★★★
Funky, fresh look gives a lease of life, shame that underneath isn't the same. LxWxH 3996x1749x1474 Kerb weight 976kg					
1.2 PureTech 68	66	107	14.0	TBC	TBC
1.2 PureTech 82	79	107	12.8	TBC	TBC
1.2 PureTech 110	107	117	9.3	TBC	TBC
1.6 BlueHDi 100	96	115	10.6	TBC	TBC

	Power (kW)	Top speed (mph)	0-60/62mph	Economy (mpg)	CO ₂ (g/km)
C3 Aircross 5dr hatchback	£15,545-£21,240				★★★★★
Funky-looking C3 gets a jacked-up, rugged SUV look. LxWxH 4155x1765x1637 Kerb weight 1088kg					
1.2 PureTech 82	79	103	15.9	TBC	TBC
1.2 PureTech 110	107	115	11.3	TBC	TBC
1.2 PureTech 130	127	124	10.4	TBC	TBC
1.6 BlueHDi 100	96	109	12.8	TBC	TBC

	Power (kW)	Top speed (mph)	0-60/62mph	Economy (mpg)	CO ₂ (g/km)
C4 Cactus 5dr hatchback	£18,815-£23,330				★★★★★
Interesting and novel to look at but flawed to drive. LxWxH 415x1729x1480 Kerb weight 965kg					
1.2 PureTech 110	107	117	9.3-9.7	TBC	TBC
1.2 PureTech 130	128	120	8.2	TBC	TBC

	Power (kW)	Top speed (mph)	0-60/62mph	Economy (mpg)	CO ₂ (g/km)
488 2dr coupé/open	£197,418-£278,850				★★★★★
Calm ride mixed with explosive performance. LxWxH 4568x1952x1213 Kerb weight 1475kg					
3.9 VTi GTB	650	203-205	3.0	13.5-25.9	247-478
3.9 VTi Pista	710	212	2.85	15.2-26.2	245-430
3.9 VTi Pista Spider	710	211	2.85	15.2-26.2	245-430

	Power (kW)	Top speed (mph)	0-60/62mph	Economy (mpg)	CO₂ (g/km)

<tbl_r cells="

	Power (kW)	Top speed (mph)	0-60/0-200mph	Economy (mpg)	CO ₂ (g/km)
GT 2dr coupé £420,000					★★★★★
The GT is back as a race car for the road. Compelling if not perfect.					

LxWxH 4808x1928x1692 **Kerb weight** 1912kg

3.5 V6 Ecoboost 650 216 3.0 TBC TBC

GINETTA

G40 Club Car 2dr coupé £35,000 (+champ pack) ★★★★★

A balanced, affordable and fine-looking track-day car. Some of the finish isn't quite up to snuff. LxWxH TBC **Kerb weight** 840kg

1.8 Zetec 135 125 TBC TBC TBC

HONDA

Jazz 5dr hatch £14,360-£18,460 ★★★★★

Not the most compact or vivacious but has decent handling and is cleverly packaged. LxWxH 3995x1694x1550 **Kerb weight** 1066kg

1.3 DOHC 99 113-118 11.2-12.3 48.7 TBC

1.5 DOHC 128 113-118 8.7-10.1 42.8 TBC

1.6 i-VTEC 135 125 9.8 33.2 TBC

Civic 5dr hatch £18,895-£33,525 ★★★★★

A fresh look while remaining practical, refined and upmarket. Lacks some dynamism. LxWxH 4518x1799x1434 **Kerb weight** 1275kg

1.0 VTEC Turbo 126PS 124 125-126 10.2-11.2 47.9 TBC

1.5 VTEC Turbo 182PS 179 125-136 8.2-8.5 46.3 TBC

1.6 i-TEC 120PS 118 125 10.1 62.8 TBC

2.0 VTEC Turbo Type R 315 169 5.8 33.2 TBC

Civic 4 door 4dr saloon £21,240-£27,120 ★★★★★

Saloon bodystyle gives Civic a more upmarket feel, without hurting its refined drive. LxWxH 4648x1799x1416 **Kerb weight** 1314kg

1.0 VTEC Turbo 126PS 124 130 10.7 47.9 TBC

1.6 i-TEC 120PS 118 125 9.9 64.2 TBC

HR-V 5dr SUV £19,795-£28,245 ★★★★★

Cleverly packaged and comfortable. Bland performance and forgettable, though. LxWxH 4294x1772x1605 **Kerb weight** 1241kg

1.5 i-VTEC 130PS 128 116-119 10.2-11.4 42.2 TBC

1.5 i-VTEC Turbo 182PS 180 134 7.8 47.1-47.9 TBC

CR-V 5dr SUV £25,595-£35,445 ★★★★★

Tardis-like SUV stalwart has lots of space for five and a big boot.

LxWxH 4605x1820x1685 **Kerb weight** 1515kg

1.5 i-VTEC 171 130 9.3 38.7 TBC

1.5 i-VTEC AWD 171 124-129 9.8-10.0 32.5-36.2 TBC

2.0 i-MMD hybrid 181 112 9.2 40.9 TBC

NSX 2dr coupé £144,755 ★★★★★

Honda's supercar given a modern reboot, and it's some piece of engineering. LxWxH 4487x1939x1204 **Kerb weight** 1725kg

3.5 V6 hybrid 573 191 2.9 TBC TBC

HYUNDAI

I10 5dr hatch £9895-£14,425 ★★★★★

Prioritises maturity over fun, resulting in a car that is practical and well-priced. LxWxH 3665x1660x1500 **Kerb weight** 933kg

1.0 DOHC 64 97 14.7 50.4 TBC

1.2 DOHC 84 103-109 12.1-13.8 40.9-46.3 TBC

I20 5dr hatch £13,995-£18,645 ★★★★★

Combines decent performance with good practicality and running costs. LxWxH 4035x1734x1474 **Kerb weight** 980kg

1.0 T-GDI 100 98 113-117 10.8-11.4 47.9-49.6 TBC

1.0 T-GDI 120 118 118 10.2 46.3 TBC

1.2 MPI 75 74 99 13.6 46.3 TBC

1.2 MPI 84 83 106 12.8 45.6-46.3 TBC

I30 5dr hatch £17,125-£29,495 ★★★★★

As good as we've come to expect from Hyundai, but not one inch better. LxWxH 4340x1795x1455 **Kerb weight** 1194kg

1.0 T-GDI 120 118 118 11.1 45.6 TBC

1.4 T-GDI 140 138 127-130 8.9-9.2 42.2-46.3 TBC

1.6 CRDI 115 113 118 11.0-11.2 58.9-60.1 TBC

2.0 T-GDI 250 N 247 155 6.4 34.9 TBC

2.0 T-GDI 275 N Performance 272 155 6.1 34.0 TBC

I30 Fastback 4dr saloon £20,435-£29,995 ★★★★★

Combines good looks with sensible practicalities and dynamic charm. LxWxH 4455x1795x1425 **Kerb weight** 1287kg

1.0 T-GDI 120 118 117 11.5 54.3 TBC

1.4 T-GDI 140 138 129 9.2 49.6-52.3 TBC

2.0 T-GDI 275 N 272 155 6.1 34.0 TBC

I30 Tourer 5dr estate £17,625-£26,125 ★★★★★

Another solid car. Good value and practical but lacks excitement.

LxWxH 4585x1795x1465 **Kerb weight** 1245kg

1.0 T-GDI 120 118 117 11.4 47.9-49.6 TBC

1.4 T-GDI 140 138 126-129 9.2-9.5 44.8-46.3 TBC

1.6 CRDI 110 108 117 11.3 58.9-60.1 TBC

1.6 CRDI 136 134 123 10.9 56.5-57.6 TBC

I40 4dr saloon £22,995-£29,125 ★★★★★

Useful, inoffensive and well-priced, but don't expect any fireworks.

LxWxH 4745x1815x1470 **Kerb weight** 1497kg

1.6 GDI 135 133 122 11.5 39.2 TBC

1.6 CRDI 115 113 117 12.0 56.6 TBC

1.6 CRDI 136 134 122 10.8-11.5 54.3 TBC

I40 5dr hatch £22,995-£29,125 ★★★★★

The i40 hatchback is a solid, sensible car.

LxWxH 4745x1815x1470 **Kerb weight** 1497kg

1.6 GDI 135 133 122 11.5 39.2 TBC

1.6 CRDI 115 113 117 12.0 56.6 TBC

1.6 CRDI 136 134 122 10.8-11.5 54.3 TBC

I40 Sportbrake 5dr estate £37,390-£55,035 ★★★★★

Superb XF is now available in the more practical Sportbrake form.

It's a win-win. LxWxH 4954x1987x1457 **Kerb weight** 1560kg

2.0d 163 160 132 8.7 46.1-50.4 TBC

2.0d 180 177 140 8.0-8.1 44.8-50.9 TBC

2.0d 180 AWD 177 136 8.4 40.2-44.4 TBC

2.0d 240 AWD 236 155 6.5 38.5-42.7 TBC

3.0d V6 300 295 155 6.2 40.8-43.2 TBC

2.0t 250 246 152 6.6 31.5-34.4 TBC

2.0t 300 AWD 295 155 5.8 29.9-32.6 TBC

XF 4dr saloon £34,950-£53,035 ★★★★★

Outstandingly broad-batted dynamically, plus a pleasant cabin.

LxWxH 4954x1987x1547 **Kerb weight** 1545kg

2.0d 163 160 132 8.7 46.1-50.4 TBC

2.0d 180 177 136 8.0-8.1 44.8-50.9 TBC

2.0d 180 AWD 177 136 8.4 40.2-44.4 TBC

2.0d 240 AWD 236 155 6.5 38.5-42.7 TBC

3.0d V6 300 295 155 6.2 40.8-43.2 TBC

2.0t 250 246 152 6.6 31.5-34.4 TBC

2.0t 300 AWD 295 155 5.8 29.9-32.6 TBC

I40 5dr hatch £22,995-£29,125 ★★★★★

Useful, inoffensive and well-priced, but don't expect any fireworks.

LxWxH 4745x1815x1470 **Kerb weight** 1497kg

1.6 GDI 135 133 122 11.5 39.2 TBC

1.6 CRDI 115 113 117 12.0 56.6 TBC

1.6 CRDI 136 134 122 10.8-11.5 54.3 TBC

I40 5dr hatch £22,995-£29,125 ★★★★★

The i40 hatchback is a solid, sensible car.

LxWxH 4745x1815x1470 **Kerb weight** 1497kg

1.6 GDI 135 133 122 11.5 39.2 TBC

1.6 CRDI 115 113 117 12.0 56.6 TBC

1.6 CRDI 136 134 122 10.8-11.5 54.3 TBC

I40 5dr hatch £22,995-£29,125 ★★★★★

The i40 hatchback is a solid, sensible car.

LxWxH 4745x1815x1470 **Kerb weight** 1497kg

1.6 GDI 135 133 122 11.5 39.2 TBC

1.6 CRDI 115 113 117 12.0 56.6 TBC

1.6 CRDI 136 134 122 10.8-11.5 54.3 TBC

I40 5dr hatch £22,995-£29,125 ★★★★★

	Power (kW)	Top speed (mph)	0-60/0-2mph	Economy (mpg)	CO ₂ (g/km)
1.4 MPI	98	107	12.2	45.6	141
1.0 T-GDI	118	115	9.9	46.3-47.1	137-138
1.6 CRDI	108	112	10.9	57.6	128

Sportage 5dr SUV £20,305-£34,545

Good ride, handling and usability. Looks good and is decent value.

LxWxH 4480x1855x1635 **Kerb weight** 1454kg

1.6 GDI 130 113 111 34.9-35.7 179-184

1.6 T-GDI 174 127 8.9 34.4-34.9 184-187

1.6 T-GDI AWD 174 125-126 8.8-9.2 317-32.5 198-203

1.6 CRDI 114 114 109 11.4 49.6 150

1.6 CRDI 134 134 112 10.8-11.4 44.8-47.1 158-167

1.6 CRDI 134 AWD 134 112 11.6 42.8-43.5 169-173

2.0 CRDI 182 125 9.2 39.8-40.4 183-186

Sorento 5dr SUV £30,225-£42,925

Kia moves upmarket with a smart, well-priced and nicely appointed

seven-seater. **LxWxH** 4780x1890x1685 **Kerb weight** 1932kg

2.2 CRDI 197 127 9.0-9.6 37.7-41.5 177-196

KTM

X-BOW

0dr open £57,345-£70,717

Eccentric looks and sharp handling but expensive.

LxWxH 3738x1915x1202 **Kerb weight** 847kg

2.0 R 290 143 3.9 TBC TBC

2.0 GT 280 143 4.1 TBC TBC

LAMBORGHINI

Huracán

2dr coupé £162,900-£238,000

Junior Lamborghini mixes usability and drama skilfully. Performante is the most rounded. **LxWxH** 4459x1924x1165 **Kerb weight** 1389kg

5.2 V10 572 198 3.4 21.4 332

5.2 V10 Evo 631 201 2.9 20.3 332

5.2 V10 Performante 631 201 2.9 19.7 357

Aventador 2dr coupé £278,000-£360,000

Big, hairy V12 has astonishing visuals and performance. Handling could be sweeter. **LxWxH** 4797x2030x1136 **Kerb weight** 1575kg

6.5 V12 S 730 217 2.9 15.4 499

6.5 V12 SVJ 759 217 2.8 15.8 486

Urus 2dr coupé £159,925

Lamborghini's second SUV is more alluring and aims to use the V8's power better. **LxWxH** 5112x2016x1638 **Kerb weight** 2200kg

4.0 V8 631 189 3.6 22.2 325

LAND ROVER

Range Rover Evoque

5dr SUV £31,505-£49,815

Dripping with desirability; poised and capable on- and off-road.

LxWxH 4370x1985x1635 **Kerb weight** 1679kg

2.0 eD4 145 113 10.6 TBC TBC

2.0 TD4 174 121-124 8.5-9.5 TBC TBC

2.0 Si4 240 234 135 6.9 TBC TBC

Range Rover Evoque Convertible

2dr SUV £46,450-£53,135

Loses its roof but retains its ability to stray from the asphalt.

LxWxH 4370x1980x1609 **Kerb weight** 2037kg

2.0 TD4 174 121 9.7 TBC TBC

Range Rover Velar 5dr SUV £45,135-£64,530

Dubbed the most car-like Landie ever and it doesn't disappoint. Expensive. **LxWxH** 4803x2032x1665 **Kerb weight** 1829kg

2.0 D180 174 125 8.9 52.5 142

2.0 D240 234 135 7.3 48.7 154

3.0 V6 D275 271 135 6.7 42.8 175

3.0 V6 D300 292 150 6.5 44.1 167

2.0 P250 243 135 6.7 37.2 173

2.0 P300 292 145 6.0 36.2 178

Range Rover Sport 5dr SUV £64,085-£101,145

Bigger and better; a cut-price Range Rover rather than a jumped-up Discovery. **LxWxH** 4850x2073x1780 **Kerb weight** 2111kg

2.0 Si4 296 125 7.0 TBC TBC

2.0 P400e PHEV 398 137 6.4 TBC TBC

3.0 SDV6 398 137 6.3 TBC TBC

4.4 SDV8 297 140 6.8 TBC TBC

5.0 V8 330 140 6.5 TBC TBC

5.0 V8 SVR 495 155 5.0 TBC TBC

5.0 V8 SVR 535 162 4.5 TBC TBC

Range Rover 5dr SUV £81,900-£177,735

Wherever you are, the Range Rover envelops you in a lavish, invincible sense of occasion. **LxWxH** 4999x2220x1835 **Kerb weight** 2249kg

2.0 P400e PHEV 398 137 6.4 TBC TBC

3.0 SDV6 275 271 130 7.4 TBC TBC

4.4 SDV8 339 330 135 7.0 TBC TBC

5.0 V8 525 518 155 5.1 TBC TBC

5.0 V8 565 557 155 5.1 TBC TBC

Discovery Sport 5dr SUV £30,145-£50,665

Seven seats, at home on-road and off-road, plus new-found desirability. **LxWxH** 4599x1724x1724 **Kerb weight** 1732kg

2.0 eD4 145 112 10.0 TBC TBC

2.0 TD4 E-Capability 145 112 11.0 TBC TBC

2.0 TD4 174 117 8.4-9.4 TBC TBC

2.0 SD4 234 127 7.1 TBC TBC

2.0 Si4 240 234 124 7.1 TBC TBC

2.0 Si4 290 281 135 6.5 TBC TBC

LEXUS

CT

5dr hatch £25,150-£31,250

Hybrid-only hatch has a pokey cabin and mismatched character traits. **LxWxH** 4350x1765x1445 **Kerb weight** 1465kg

1.8 VVT-i 2CT200h 134 112 10.3 53.2-54.3 TBC

Discovery 5dr SUV £47,625-£70,405

The country bumpkin given eloquent lessons without losing its rugged capabilities. **LxWxH** 4970x2073x1888 **Kerb weight** 2115kg

2.0 SD4 234 121 8.0 TBC TBC

3.0 V6 Td6 251 130 7.7 TBC TBC

2.0 Si4 295 125 7.3 TBC TBC

Discovery Sport 5dr SUV £30,145-£50,665

Seven seats, at home on-road and off-road, plus new-found desirability. **LxWxH** 4599x1724x1724 **Kerb weight** 1732kg

2.0 eD4 145 112 10.0 TBC TBC

2.0 TD4 E-Capability 145 112 11.0 TBC TBC

2.0 TD4 174 117 8.4-9.4 TBC TBC

2.0 SD4 234 127 7.1 TBC TBC

2.0 Si4 240 234 124 7.1 TBC TBC

2.0 Si4 290 281 135 6.5 TBC TBC

Discovery Sport 5dr SUV £30,145-£50,665

Seven seats, at home on-road and off-road, plus new-found desirability. **LxWxH** 4599x1724x1724 **Kerb weight** 1732kg

2.0 eD4 145 112 10.0 TBC TBC

2.0 TD4 E-Capability 145 112 11.0 TBC TBC

2.0 TD4 174 117 8.4-9.4 TBC TBC

2.0 SD4 234 127 7.1 TBC TBC

2.0 Si4 240 234 124 7.1 TBC TBC

2.0 Si4 290 281 135 6.5 TBC TBC

Discovery Sport 5dr SUV £30,145-£50,665

Seven seats, at home on-road and off-road, plus new-found desirability. **LxWxH** 4599x1724x1724 **Kerb weight** 1732kg

2.0 eD4 145 112 10.0 TBC TBC

2.0 TD4 E-Capability 145 112 11.0 TBC TBC

2.0 TD4 174 117 8.4-9.4 TBC TBC

2.0 SD4 234 127 7.1 TBC TBC

2.0 Si4 240 234 124 7.1 TBC TBC

2.0 Si4 290 281 135 6.5 TBC TBC

Discovery Sport 5dr SUV £30,145-£50,665

Seven seats, at home on-road and off-road, plus new-found desirability. **LxWxH** 4599x1724x1724 **Kerb weight** 1732kg

2.0 eD4 145 112 10.0 TBC TBC

2.0 TD4 E-Capability 145 112 11.0 TBC TBC

2.0 TD4 174 117 8.4-9.4 TBC TBC

	Power (kW)	Top speed (mph)	0-60/0-200mph	Economy (mpg)	CO ₂ (g/km)
2.0 CLS350	313	155	6.0	32.1-34.9	TBC
3.0 CLS450 4Matic	356	155	4.8	31.4-34.0	TBC
3.0 V6 AMG CLS 53 4Matic+	429	155	4.5	30.1-31.0	TBC
3.0 CLS350d 4Matic	277	155	5.7	37.7-41.5	TBC
3.0 CLS400d 4Matic	330	155	5.0	37.7-41.5	TBC

SLC 2dr open £32,749-£48,400

Another small convertible exhibiting all the charm that a Mercedes should. **LxWxH** 4143x1810x1301 **Kerb weight** 1435kg

	Power (kW)	Top speed (mph)	0-60/0-200mph	Economy (mpg)	CO ₂ (g/km)
1.6 SLC180	152	139-140	7.9-8.1	37.2-42.8	TBC
2.0 SLC200	178	147-149	6.9-7.0	37.2-40.4	TBC
2.0 SLC300	237	155	5.8	35.3-37.2	TBC
3.0 V6 AMG SLC43	356	155	4.7	31.7-32.5	TBC

SL 2dr open £78,345-£119,045

Big, luxurious drop-top is classier than a royal stud farm. Few feel more special. **LxWxH** 4631x1877x1315 **Kerb weight** 1735kg

	Power (kW)	Top speed (mph)	0-60/0-200mph	Economy (mpg)	CO ₂ (g/km)
3.0 V6 SL400	356	155	4.9	TBC	TBC
4.7 V8 SL500	442	155	4.3	25.9-26.9	TBC
5.5 V8 AMG SL63	568	155-186	4.1	23.2-23.5	TBC

AMG GT 2dr coupé/open £110,645-£148,530

Million-dollar looks and a raligun V8, but extremely firm chassis affects its usability. **LxWxH** 4544x1939x1287 **Kerb weight** 1615kg

	Power (kW)	Top speed (mph)	0-60/0-200mph	Economy (mpg)	CO ₂ (g/km)
4.0 V8 GT	462	188-189	4.0	23.0-23.5	TBC
4.0 V8 GT S	507	193	3.8	23.0-23.3	TBC
4.0 V8 GTC	541	196-197	3.7	21.9-22.1	TBC
4.0 V8 GTR	568	198	3.6	22.1	TBC

AMG GT 4-Door Coupé 4dr saloon £121,350-£135,350

New four-door, four-wheel-drive GT may be a confusing car to contemplate, but it's a deeply impressive one to drive. **LxWxH** 5054x1953x1447 **Kerb weight** 2100kg

	Power (kW)	Top speed (mph)	0-60/0-200mph	Economy (mpg)	CO ₂ (g/km)
4.0 V8 GT63 4Matic+	585	193	3.4	21.4-22.6	TBC
4.0 V8 GT63 S 4Matic+	639	196	3.2	21.4-22.1	TBC

GLA 5dr SUV £25,105-£47,960

Not the most practical crossover but good looking and very decent to drive. **LxWxH** 4417x1804x1494 **Kerb weight** 1395kg

	Power (kW)	Top speed (mph)	0-60/0-200mph	Economy (mpg)	CO ₂ (g/km)
1.6 GLA180	120	124	8.7-9.0	36.3-40.4	TBC
1.6 GLA200	152	134	8.1-8.4	34.9-39.8	TBC
2.0 GLA250 4Matic	204	143	6.6	32.5-35.8	TBC
2.0 GLA45 AMG 4Matic	370	155	4.4	29.4-30.1	TBC
2.1 GLA200d	132	127	9.1-9.5	42.2-46.3	TBC
2.1 GLA200d 4Matic	132	124	9.1	41.5-45.6	TBC
2.1 GLA220d 4Matic	171	135	7.7	40.4-44.8	TBC

GLC 5dr SUV £37,340-£91,594

Not exactly exciting to drive, but does luxury and refinement better than most. **LxWxH** 4656x1890x1639 **Kerb weight** 1735kg

	Power (kW)	Top speed (mph)	0-60/0-200mph	Economy (mpg)	CO ₂ (g/km)
2.0 GLC 250 4Matic	208	138	7.3	28.5-31.7	TBC
3.0 V6 AMG GLC43 4Matic	356	155	4.9	24.8-26.7	TBC
4.0 V8 AMG GLC63 4Matic	462	155	4.0	22.1-23.2	TBC
4.0 V8 AMG GLC63 S 4Matic	495	155	3.8	22.1-22.8	TBC
2.1 GLC220d 4Matic	168	130	8.3	36.7-41.5	TBC
2.1 GLC250d 4Matic	198	138	7.6	36.7-42.2	TBC
3.0 GLC350d 4Matic	255	148	6.2	32.8-36.7	TBC

GLC Coupé 5dr SUV £42,365-£93,989

A coupe-shaped SUV destined to be outrun by the X4 - unless you're in an AMG. **LxWxH** 4732x1890x1602 **Kerb weight** 1785kg

	Power (kW)	Top speed (mph)	0-60/0-200mph	Economy (mpg)	CO ₂ (g/km)
2.0 GLC 250 4Matic	211	138	7.3	29.1-31.7	TBC
3.0 V6 AMG GLC43 4Matic	356	155	4.9	25.0-26.9	TBC
4.0 V8 AMG GLC63 4Matic	462	155	4.0	22.4-23.5	TBC
4.0 V8 AMG GLC63 S 4Matic	495	155	3.8	22.4-23.2	TBC
2.1 GLC220d 4Matic	168	130	8.3	37.7-40.9	TBC
2.1 GLC250d 4Matic	198	138	7.6	37.7-41.5	TBC
3.0 GLC350d 4Matic	255	148	6.2	33.6-36.7	TBC

GLE 5dr SUV £55,685-£62,300

The ML replacement isn't inspiring to drive but does come with a classy interior. **LxWxH** 4819x2141x1796 **Kerb weight** 2165kg

	Power (kW)	Top speed (mph)	0-60/0-200mph	Economy (mpg)	CO ₂ (g/km)
3.0 V6 GLE 400 4Matic	364	155	5.7	26.2-32.5	TBC
3.0 V6 GLE300d 4Matic	243	149	7.2	33.6-39.2	TBC
3.0 V6 GLE350d 4Matic	272	143	6.9	29.1-36.2	TBC
3.0 V6 GLE400d 4Matic	328	149	5.8	29.4-35.3	TBC

GLE Coupé 5dr SUV £65,030-£102,010

Not the prettiest SUV you will ever see, but a decent option against the BMW X6. **LxWxH** 4900x2129x1731 **Kerb weight** 2240kg

	Power (kW)	Top speed (mph)	0-60/0-200mph	Economy (mpg)	CO ₂ (g/km)
2.0 GLC 350d 4Matic	282	124	7.4		

	Power (kW)	Top speed (mph)	0-60/62mph	Economy (mpg)	CO ₂ (g/km)
Scenic 5dr MPV £21,715-£26,455					★★★★★
Good-looking MPV riding on 20in wheels, but overall a bland car to drive. LxWxH 4406x1866x1653 Kerb weight 1428kg					

	Power (kW)	Top speed (mph)	0-60/62mph	Economy (mpg)	CO ₂ (g/km)
Grand Scenic 5dr MPV £23,515-£28,255					★★★★★
Good-looking seven-seat MPV is bland to drive and the third row seats are tight. LxWxH 4634x1866x1655 Kerb weight 1495kg					

	Power (kW)	Top speed (mph)	0-60/62mph	Economy (mpg)	CO ₂ (g/km)
1.2 TCe 140	138	121	10.1	40.4-41.5	TBC
1.8 dCi 120	118	TBC	TBC	TBC	TBC

	Power (kW)	Top speed (mph)	0-60/62mph	Economy (mpg)	CO ₂ (g/km)
1.2 TCe 140	138	121	10.1	40.4-41.5	TBC
1.8 dCi 120	118	TBC	TBC	TBC	TBC

	Power (kW)	Top speed (mph)	0-60/62mph	Economy (mpg)	CO ₂ (g/km)
1.2 TCe 140	138	121	10.1	40.4-41.5	TBC
1.8 dCi 120	118	TBC	TBC	TBC	TBC

	Power (kW)	Top speed (mph)	0-60/62mph	Economy (mpg)	CO ₂ (g/km)
1.2 TCe 140	138	121	10.1	40.4-41.5	TBC
1.8 dCi 120	118	TBC	TBC	TBC	TBC

	Power (kW)	Top speed (mph)	0-60/62mph	Economy (mpg)	CO ₂ (g/km)
1.2 TCe 140	138	121	10.1	40.4-41.5	TBC
1.8 dCi 120	118	TBC	TBC	TBC	TBC

	Power (kW)	Top speed (mph)	0-60/62mph	Economy (mpg)	CO ₂ (g/km)
1.2 TCe 140	138	121	10.1	40.4-41.5	TBC
1.8 dCi 120	118	TBC	TBC	TBC	TBC

	Power (kW)	Top speed (mph)	0-60/62mph	Economy (mpg)	CO ₂ (g/km)
1.2 TCe 140	138	121	10.1	40.4-41.5	TBC
1.8 dCi 120	118	TBC	TBC	TBC	TBC

	Power (kW)	Top speed (mph)	0-60/62mph	Economy (mpg)	CO ₂ (g/km)
1.2 TCe 140	138	121	10.1	40.4-41.5	TBC
1.8 dCi 120	118	TBC	TBC	TBC	TBC

	Power (kW)	Top speed (mph)	0-60/62mph	Economy (mpg)	CO ₂ (g/km)
1.2 TCe 140	138	121	10.1	40.4-41.5	TBC
1.8 dCi 120	118	TBC	TBC	TBC	TBC

	Power (kW)	Top speed (mph)	0-60/62mph	Economy (mpg)	CO ₂ (g/km)
1.2 TCe 140	138	121	10.1	40.4-41.5	TBC
1.8 dCi 120	118	TBC	TBC	TBC	TBC

	Power (kW)	Top speed (mph)	0-60/62mph	Economy (mpg)	CO ₂ (g/km)
1.2 TCe 140	138	121	10.1	40.4-41.5	TBC
1.8 dCi 120	118	TBC	TBC	TBC	TBC

	Power (kW)	Top speed (mph)	0-60/62mph	Economy (mpg)	CO ₂ (g/km)
1.2 TCe 140	138	121	10.1	40.4-41.5	TBC
1.8 dCi 120	118	TBC	TBC	TBC	TBC

	Power (kW)	Top speed (mph)	0-60/62mph	Economy (mpg)	CO ₂ (g/km)
1.2 TCe 140	138	121	10.1	40.4-41.5	TBC
1.8 dCi 120	118	TBC	TBC	TBC	TBC

	Power (kW)	Top speed (mph)	0-60/62mph	Economy (mpg)	CO ₂ (g/km)
1.2 TCe 140	138	121	10.1	40.4-41.5	TBC
1.8 dCi 120	118	TBC	TBC	TBC	TBC

	Power (kW)	Top speed (mph)	0-60/62mph	Economy (mpg)	CO ₂ (g/km)
1.2 TCe 140	138	121	10.1	40.4-41.5	TBC
1.8 dCi 120	118	TBC	TBC	TBC	TBC

	Power (kW)	Top speed (mph)	0-60/62mph	Economy (mpg)	CO ₂ (g/km)
1.2 TCe 140	138	121	10.1	40.4-41.5	TBC
1.8 dCi 120	118	TBC	TBC	TBC	TBC

	Power (kW)	Top speed (mph)	0-60/62mph	Economy (mpg)	CO ₂ (g/km)
1.2 TCe 140	138	121	10.1	40.4-41.5	TBC
1.8 dCi 120					

	Power (kW)	Top speed (mph)	0-60/0-200mph	Economy (mpg)	CO ₂ (g/km)		Power (kW)	Top speed (mph)	0-60/0-200mph	Economy (mpg)	CO ₂ (g/km)		Power (kW)	Top speed (mph)	0-60/0-200mph	Economy (mpg)	CO ₂ (g/km)		
C-HR 5dr SUV £21,880-£29,170						★★★★★													
Coupé-shaped crossover certainly turns heads and impresses on the road. LxWxH 4360x1795x1565 Kerb weight 1320kg																			
1.2 Turbo	112	114-118	10.9-11.1	39.7-41.5	TBC		1.2i 83	81	105	14.0	42.2-44.1	TBC		1.0 TSI 115	113	116	10.1	43.5-44.8	TBC
1.2 Turbo AWD	112	111	11.4	34.0-34.4	TBC		1.2i Turbo 110	108	117	10.6	39.8-46.3	TBC		1.5 TSI EVO 150	148	127	8.3	38.7-42.2	TBC
1.8 VVT-i Hybrid	119	105	11.0	55.3-57.6	TBC		1.2i Turbo 130	128	128	9.1	42.2-44.1	TBC		1.5 TSI EVO 150 4Motion	148	127	8.4	34.0-34.9	TBC
Corolla 5dr hatch £21,300-£30,340						★★★★★								2.0 TSI 190 4Motion	187	134	7.2	34.0-34.4	TBC
Rebranded hatch has rolling refinement, interior ambience and affable handling. LxWxH 4370x1790x1435 Kerb weight 1340kg							1.5 Turbo D 102	101	111	9.9	55.4-58.9	TBC		1.6 TDI 115	113	116	10.3	49.6-50.4	TBC
1.2 VVT-i	114	124	9.3	39.2-44.8	TBC		Mokka X 5dr SUV £20,640-£25,840							2.0 TDI 150	148	124	8.6	48.7-50.4	TBC
1.8 VVT-i Hybrid	122	111	10.9	55.3-62.7	TBC		1.4 Turbo 140	138	119-122	9.3-10.1	34.4-36.7	TBC		2.0 TDI 150 4Motion	148	124	8.7	45.6-46.3	TBC
2.0 VVT-i Hybrid	180	111	7.9	50.4-43.2	TBC		1.4 Turbo 140 4x4	138	116	9.3	34.4-39.2	TBC		T-ROC 5dr SUV £19,270-£31,050					
RAV4 5dr SUV £29,635-£36,640						★★★★★								VW's junior SUV is beguiling and sophisticated. It drives rather well, too. LxWxH 4212x1765x1605 Kerb weight 1245kg					
A solid option but ultimately outgunned by Korean competition. LxWxH 4605x1845x1675 Kerb weight 1605kg							1.2i 83	81	105	14.0	42.2-44.1	TBC		1.0 TSI 115	113	116	10.1	43.5-44.8	TBC
2.5 Hybrid	194	112	8.4	48.7-50.4	TBC		1.2i Turbo 110	108	117	10.6	39.8-46.3	TBC		1.5 TSI EVO 150	148	127	8.3	38.7-42.2	TBC
2.5 Hybrid AWD	194	112	8.4	47.8-48.7	TBC		1.2i Turbo 130	128	128	9.1	42.2-44.1	TBC		1.5 TSI EVO 150 4Motion	148	127	8.4	34.0-34.9	TBC
Land Cruiser 5dr SUV £34,690-£54,040						★★★★★								1.6 TDI 115	113	116	10.3	49.6-50.4	TBC
A real go-anywhere vehicle. Totally rugged and available with seven seats. LxWxH 4335x1885x1875 Kerb weight 2010kg							1.5 Turbo D 102	101	111	9.9	55.4-58.9	TBC		2.0 TDI 150	148	124	8.6	48.7-50.4	TBC
2.8 D-4D	171	109	12.1-12.7	27.4-31.0	TBC		Grandland X 5dr SUV £23,410-£34,930							2.0 TDI 150 4Motion	148	124	8.7	45.6-46.3	TBC
GT86 2dr coupé £27,285-£31,795						★★★★★								Tiguan 5dr SUV £23,990-£38,790					
Almost the most fun you can have on a limited budget. Splendid. LxWxH 4240x1775x1320 Kerb weight 1247kg							1.2 Turbo 110	108	109	11.9	38.2-40.9	TBC		An improvement on the previous model and will continue to sell by the bucket load. LxWxH 4486x1839x1654 Kerb weight 1490kg					
2.0i	197	130-140	7.6-8.2	32.8-33.2	TBC		1.4 Turbo 140	138	119-122	9.3-10.1	34.4-36.7	TBC		1.5 TSI EVO 130	128	119	10.2	39.8-40.9	TBC
Prius 5dr hatch £24,245-£28,350						★★★★★								1.5 TSI EVO 150	148	124	9.2	36.3-38.2	TBC
Better all round compared with its predecessors. Challenging looks, though. LxWxH 4540x1760x1470 Kerb weight 1375kg							1.5 Turbo D 100	99	107	12.7	42.8-47.9	TBC		2.0 TSI 190 4Motion	188	131	7.9	39.2-42.8	TBC
1.8 VVT-i Hybrid	120	112	10.6	60.1-61.4	TBC		1.5 Turbo D 130	128	116	11.3	49.6-53.3	TBC		2.0 TDI 150	148	125-127	9.3	44.8-47.9	TBC
Prius+ 5dr MPV £27,830-£30,175						★★★★★								2.0 TDI 150 4Motion	148	124-125	9.3	39.2-42.2	TBC
Expensive, old and ugly variant of the Prius, but can carry seven. LxWxH 4645x1775x1575 Kerb weight 1500kg							1.5 Turbo D 130	127	115	10.6	47.1-49.6	TBC		2.0 TDI 190 4Motion	187	131	7.9	38.7-39.2	TBC
VAUXHALL							Combo Life 5dr MPV £20,130-£22,230							Tiguan Allspace 5dr SUV £30,095-£41,040					
Viva 5dr hatch £10,480-£12,080						★★★★★								Has all the Tiguan's sensibility and refinement, now with the bonus of seven seats. LxWxH 4486x1839x1654 Kerb weight 1490kg					
Plenty of space but lacks its rivals' equipment, joie de vivre and refinement. LxWxH 3675x1595x1485 Kerb weight 939kg							1.0 TSI 115	128	119	10.2	39.8-40.9	TBC		1.5 TSI EVO 130	148	123	9.5	35.3-35.8	TBC
1.8 VVT-i Hybrid	132	103	11.3	47.0-48.7	TBC		1.0 TSI 115	128	119	10.2	39.8-40.9	TBC		2.0 TSI 190 4Motion	188	130	7.9	33.2-34.9	TBC
Adam 3dr hatch £13,850-£15,700						★★★★★								2.0 TDI 150	148	124-126	9.8	43.5-44.1	TBC
Certainly looks the part, but there are better superminis ahead of it. LxWxH 3698x1720x1484 Kerb weight 1101kg							1.5 TDI 130	128	119	10.2	47.1-49.6	TBC		2.0 TDI 150 4Motion	148	123-124	9.9	38.2-38.7	TBC
Corsa 3dr/5dr hatch £11,730-£19,735						★★★★★								V40 5dr hatch £23,995-£29,820					
Refined, stylish and practical, but its engines aren't so good. LxWxH 4021x1736x1479 Kerb weight 1141kg							1.0 Turbo 110	108	109	11.9	38.2-40.9	TBC		Not perfect, but handsome, well-packaged, pragmatic and likeable. LxWxH 4370x2041x1470 Kerb weight 1105kg					
1.4i 75	74	106	13.1-14.0	45.6	TBC		1.0 Turbo 110	108	109	11.9	38.2-40.9	TBC		1.0 D 115	116	118	10.5	47.9-56.5	TBC
1.4i 90	88	109	13.2	38.2-42.8	TBC		1.0 TDI 115	128	116	10.8	44.8-52.3	TBC		2.0 D 115	145	130	8.4	47.1-55.4	TBC
1.4i Turbo 100	98	115	11.0	42.8-43.5	TBC		1.0 TDI 115	128	116	9.5	44.8-49.6	TBC		2.0 T 115	119	118	9.8	38.2-42.8	TBC
1.4i Turbo 150	148	129	8.9	40.4-42.2	TBC		1.2 TDI 120	128	117	10.7	47.1-49.6	TBC		2.0 T 115	148	124-126	9.8	43.5-44.1	TBC
Astra 5dr hatch £18,900-£26,030						★★★★★								2.0 TDI 150	148	125-127	9.3	44.8-47.9	TBC
Good handling and nice engines, but its working-class roots still show through. LxWxH 4370x1809x1485 Kerb weight 1244kg							1.0 TDI 120	127	115	9.0	45.6-47.9	TBC		2.0 TDI 150 4Motion	148	121	8.6	38.2-38.7	TBC
1.0i Turbo 105	103	121	11.0	45.6-47.9	TBC														



Matt Prior

TESTER'S NOTES



Audi TT concept of 1995 caught the imagination

I still remember the first time I drove an Audi TT. Not because it was a particularly exciting drive or because I went somewhere extraordinary. In fact, beyond knowing it wasn't to the north of Scotland or across Route 66, I don't recall exactly where I got in it, when it was, where I went or how long it took.

But what I do distinctly remember is being wowed by its fantastic, immersive interior design: the letterbox view outwards; the cocooning high window line; the industrial/nautical inspiration for it all that meant it had air vents that looked like portholes and slabs of aluminium (real or, more likely, not) doing a decent job of looking like structural components.

Because, remember, Audi's range at the time comprised the A3, A4, A6 and A8. It wasn't a bad-looking line-up; the first-generation A4 (1994) had started something interesting, and the '98 A6 was quite elegant – the first car I remember, too, having little red ambient lights in the roof,



Mk1 TT was a feat of interior design

“There are ‘emotional discussions’ in Audi’s boardroom about the TT’s future”

to cast a warm glow over the interior. But none of them was the TT.

Nothing was quite like the TT, even though there were other good-looking, even outlandish, cars at the time. There was the Ford Puma, the Alfa Romeo 156, and the '90s was a decade that brought with it the Fiat Coupé and Alfa Romeo GTV.

Nonetheless, the TT came as a bit of a shocker. There was the mid-decade TT concept, photographed apparently inside a massive turbine hall or something. And then pop: there it was on sale, looking, if anything, better than the concept.

So we bought them. We bought loads of them. Loads to the extent that I wonder whether the TT was the car that taught Audi it could do well filling what had previously been thought of as niches. By the end of the first-generation TT's production run, in 2006, Audi had added its first Q model, the R8 and Allroad models to its range. And the A2, of course, which had been and gone. Shame.

But now, three generations down, apparently it's the TT that's under threat, seemingly because we've stopped buying it in big enough quantities. It'll go on until 2022 but, in the same two-door form, possibly no longer than that.

Which would be a pity because, what with the Porsche Cayman, Toyota GT86/Subaru BRZ, Toyota Supra and Alpine A110, the small-coupé market has seldom looked quite so compelling.

Perhaps that's part of the problem: we're buying those, or hot hatchbacks, and not TTs. And, while I couldn't honestly implore you to buy a TT over a great-driving coupé, if the choice is the Audi or a hatchback, do buy the TT. If nothing else, it'll be lower, lighter, more compact and a lot more interesting.

And this, I think, is important. The Toyota GT86/Subaru BRZ look like they'll be replaced like-for-like, even though – how to put this? – I don't think it's Toyota's most profitable vehicle. But I think Toyota's bosses know, at the moment, anyway, that making interesting cars is good for the wider business.

There are “emotional discussions” in Audi's boardroom about the TT's future. I hope they go its way because an Audi range without the TT would only be a little per cent smaller, but a big per cent duller.

GET IN TOUCH
✉ matt.prior@haymarket.com
🐦 @matty_prior

ESTABLISHED 1895

The Autocar



Confusion over Brexit

12 July 1975

THE PAST THREE years in the UK have been a shared nightmare of bitterness and confusion over the vote to leave the European Union.

The atmosphere in 1975 after we voted to stay in the bloc's forebear, the European Community, having joined it in 1973, wasn't as acrid (67% voted remain), but there was still a lack of clarity over the future.

Autocar detailed this just after the referendum; we didn't even know if we'd be forced to drive on the right, let alone adopt EC driving standards, vehicle design laws, signage or units of measurement.

Adding to this was the overlap between the standards of the EC and UN Economic Commission for Europe (ECE): the little e and big E.

And while many experts were frustrated by perceived slowness of the EC's operation, others saw it myopically rushing things through.

Sounds like a right nightmare.

GET MORE AUTOCAR



759bhp Lamborghini Aventador SVJ on ice



[youtube.com/autocar](https://www.youtube.com/autocar)



[autocar.co.uk/facebook](https://www.facebook.com/autocar.co.uk)



[twitter.com/autocar](https://www.twitter.com/autocar)



[autocar_official](https://www.instagram.com/autocar_official)

SUBSCRIBE

[autocar.co.uk/subscribe](https://www.autocar.co.uk/subscribe)
For all our latest print and digital subscription offers



THE ULTIMATE IN PERFORMANCE UPGRADES

AT DMS AUTOMOTIVE
WE'VE BEEN UNLEASHING
AUTOMOTIVE PERFORMANCE
FOR OVER 20 YEARS



DMS F10 M5 (EVO DEC '15) "730BHP, 200MPH+ TYRE-SHREDDING MONSTER"

DMS MCLAREN 650S (EVO OCT '15) "REAL MUSCULARITY AND THE STRENGTH OF THE MID-RANGE IS STAGGERING"

DMS M2 (EVO SEPT '15) "MORE POWER DOES MEAN MORE FUN"

DMS 1M (EVO MARCH '12) "THERE'S A REAL RIP TO THE WAY THE REVS PILE ON ABOVE 4000RPM"

DMS 997 TURBO 3.8 PDK (EVO JUNE '11) "DELIVERY IS ALMOST UNCOMFORTABLY FORCEFUL"

DMS SL65 BLACK SERIES (EVO OCT '10) "IT FEELS LIKE THE LOVE CHILD OF AN SL65 AND A PORSCHE GT2"

DMS 135i (BMW CAR MAY '09) THE STANDARD CAR IS GREAT BUT DMS HAVE SOMEHOW MANAGED TO TAKE IT TO THE NEXT LEVEL"

DMS 997 TURBO 3.6 (EVO SEPT '08) "IT'S EPIC, HILARIOUS AND ADDICTIVE IN EVERY GEAR, YET DOCILE WHEN CRUISING"

BELOW IS A SMALL SELECTION OF OUR MORE POPULAR UPGRADES:

AUDI
RS6 4.0 T V8 » 700+BHP (+DE-LIMIT)
RS6 V10 » 680+BHP (+DE-LIMIT)
2017 R8 V10 » 650BHP (+DE-LIMIT)
R8 V10 » 592+BHP (+DE-LIMIT)
RS4/RS5 » 488+BHP (+DE-LIMIT)
RS3/TTRS » 420+BHP (+DE-LIMIT)
RS3/TTRS (NEW) » 480+BHP (+DE-LIMIT)
S3 / GOLF R » 375+BHP (+DE-LIMIT)
3.0TDI (ALL MODELS) » 315+BHP
3.0 BI-TDI (ALL MODELS) » 380+BHP
Q7/A8 4.2 TDI » 400+BHP

BMW
M2 » 435BHP (+DE-LIMIT)
M3/M4 » 540+BHP (+DE-LIMIT)
M5/M6 » 730+BHP (+DE-LIMIT)
X5M/X6M » 730+BHP (+DE-LIMIT)
X5M50D/X6M50D » 450BHP
M135I/M235I » 410+BHP
i8 » 415BHP
120I/220I/320I/420I » 275+BHP
116D/216D/316D » 160BHP
118D/218D/318D » 225BHP
120D/220D/320D/420D » 240BHP
328I/428I » 295BHP
335I/435I » 410+BHP
330D/430D/530D/730D » 360BHP
335D/435D/535D » 395+BHP
550I/650I » 555+BHP (+DE-LIMIT)
640D/740D » 395BHP (+DE-LIMIT)
X530D/X630D » 360BHP
X540D/X640D » 395BHP

MERCEDES-BENZ
A45/CLA45 AMG » 420+BHP
AMG GT/GTS » 560BHP (+DE-LIMIT)
C43/E43/GLC43 AMG » 455BHP
C63/63S 4.0T AMG » 620+BHP
C63 6.3 AMG » 530+BHP
500 4.7 BITURBO (ALL MODELS) » 498+BHP
63 AMG 5.5 BITURBO (ALL MODELS) » 700+BHP
55 AMG KOMPRESSOR » 600+BHP
(+DE-LIMIT & SUSPENSION LOWERING)
S65 » 780BHP (+DE-LIMIT)
SL65 AMG » 690BHP (+DE-LIMIT)
SL65 BLACK » 720BHP (+DE-LIMIT)
SLK 55 AMG » 420BHP
200 CDI (ALL MODELS) » 173BHP
220 CDI (ALL MODELS) » 230BHP
250 CDI (ALL MODELS) » 260BHP
C300 HYBRID » 285BHP
C300E » 350BHP
C400/E400 » 400BHP
350 CDI (ALL MODELS) » 315BHP
420/450 CDI (ALL MODELS) » 358BHP

ALL 2017 RANGE ROVERS AVAILABLE
RR 50SC/SVO/SVR STAGE1 » 600+BHP
RR 50SC/SVO/SVR STAGE2 » 650+BHP
2.0/2.2 DIESEL (ALL MODELS) » 220+BHP
RR 4.4 TDV8 » 395 BHP
RR TDV6 3.0D » 305+BHP
RR SDV6 3.0D » 350+BHP
DEFENDER 2.2 » 180BHP

PORSCHE
996 TURBO/GT2 » 600+BHP
997 TURBO 3.6 » 625+BHP
997 GT2 RS » 670+BHP
997 TURBO/S 3.8 INC PDK » 611 BHP
997 GT3 RS » 480 BHP
991.2 GT2 RS » CALL
991 TURBO/S (ALL MODELS) » 750+BHP
991 GT3 3.8 (ALL MODELS) » 490+BHP
991 GT3 RS 4.0 (ALL MODELS) » 525+BHP
997 CARRERA S » 376+BHP
997 CARRERA PDK » 368 BHP
997 CARRERA S PDK » 400+BHP
997 CARRERA GTS » 435 BHP
991 CARRERA (ALL MODELS) » 500+BHP
991 CARRERA S (ALL MODELS) » 500+BHP
991 CARRERA GTS (ALL MODELS) » 540+BHP
BOXSTER/CAYMAN 718 GTS » 420+BHP
BOXSTER/CAYMAN 718 S » 420+BHP
BOXSTER/CAYMAN 718 » 380+BHP
BOXSTER/CAYMAN 981 GT4 » 430+BHP
BOXSTER/CAYMAN 981 GTS » 375+BHP
BOXSTER/CAYMAN 981 S » 345+BHP
CAYENNE GTS » 450 BHP
CAYENNE TURBO 4.5 » 565+BHP
CAYENNE TURBO 4.8 (ALL MODELS) » 650+BHP
CAYENNE TURBO S 4.8 (ALL MODELS) » 650+BHP
CAYENNE 4.2 DIESEL » 450+BHP
CAYENNE 3.0 DIESEL » 318+BHP
MACAN S » 420+BHP
MACAN GTS » 440+BHP

MACAN TURBO (ALL MODELS) » 480+BHP
MACAN S DIESEL » 318+BHP
PANAMERA TURBO » 600+BHP
PANAMERA DIESEL » 305+BHP

EXOTIC / MISC
FERRARI CALI T » 660BHP
FERRARI F12 » 780+BHP
FERRARI 599 » 647 BHP
FERRARI 488 » 750+BHP
FERRARI 430 » 525 BHP
MCLAREN MP4-12C » 700 BHP
MCLAREN 650S » 720 BHP
MCLAREN 675LT » 750BHP
MCLAREN 570/S » 680+BHP
AVENTADOR » 750+BHP
HURACAN LP610 » 650BHP
GALLARDO LP560 » 600+BHP
BENTLEY 4.0 T V8 » 700BHP
BENTLEY GT/F-SPUR » 680BHP
GT SPEED / SUPERSPORT » 690+BHP
BENTAYGA W12 » 700+BHP
MASERATI GHIBLI 3.0S PETROL » 470 BHP
MASERATI GHIBLI 3.0 PETROL » 400 BHP
MASERATI GHIBLI 3.0 DIESEL » 312 BHP
MASERATI GT/QPORT » 438 BHP
MASERATI GT S / MC » 479+ BHP

  /DMSAUTOMOTIVE



MORE
BHP
EQUALS
LESS
RPM
EQUALS
MORE
MPG

DESIGNED IN THE UK
DEVELOPED AT OUR
NURBURGRING
TESTING FACILITIES



UK & WORLDWIDE
INSTALLATION
CENTRES

WWW.DMSAUTOMOTIVE.COM

UK: 0800 030 5555

INT: +44 800 030 5555

SALES@DMSAUTOMOTIVE